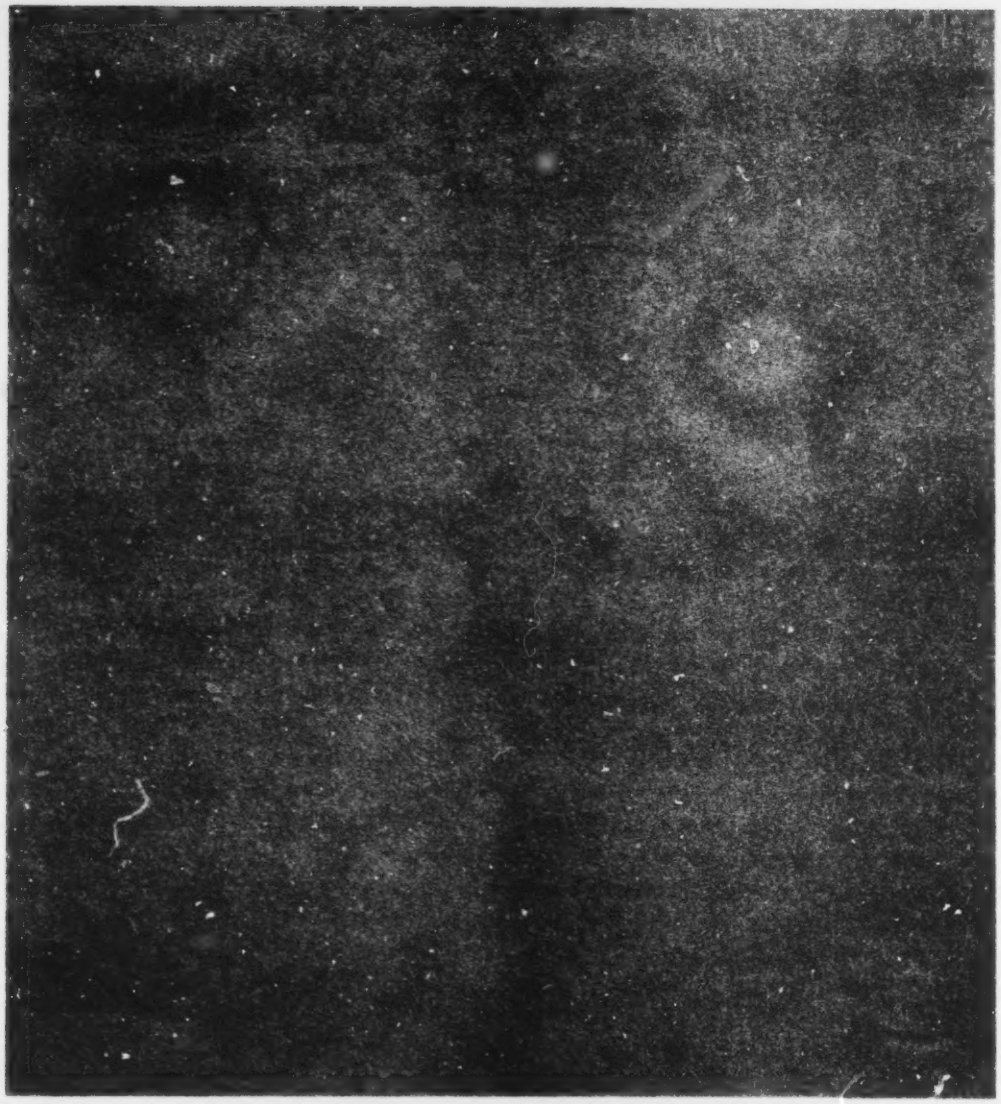
Statistical Report 1984



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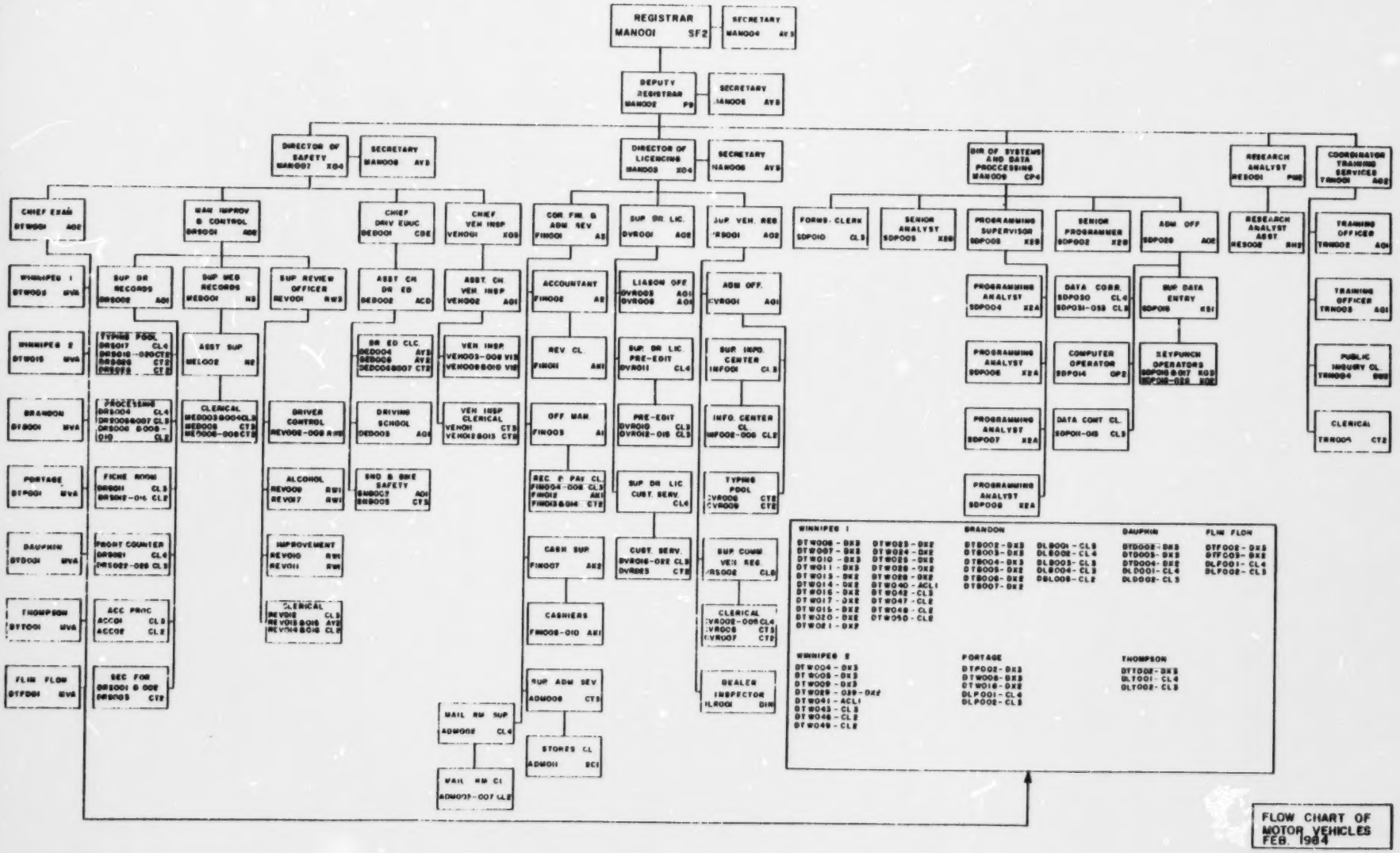
REGISTRAR
SECRETARY
DEPUTY REGISTRAR
SECRETARY
DIRECTOR OF SAFETY
SECRETARY
DIRECTOR OF LICENCING
SECRETARY
DIR OF SYSTEMS AND DATA PROCESSING
RESEARCH ANALYST
COORDINATOR TRAINING SERVICES
CHIEF EXAM
MAN IMPROV & CONTROL
CHIEF DRV EDUC
CHIEF VEH INSP
COR FIN & ADM SEV
SUP DR LIC
SUP VEH REG
FORMS CLERK
SENIOR ANALYST
PROGRAMMING SUPERVISOR
SENIOR PROGRAMMER
ADM OFF
RESEARCH ANALYST
TRAINING OFFICER
WINNIPEG 1
SUP DR RECORDS
SUP MED RECORDS
SUP REVIEW OFFICER
ASST CH DR ED
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ACCOUNTANT
LIAISON OFF
ADM OFF.
PROGRAMMING ANALYST
DATA CORR.
SUP DATA ENTRY
TRAINING OFFICER
WINNIPEG 2
TYPING POOL
ASST SUP
DR ED CLC.
VEH INSP
REV CL
SUP DR LIC. PRE-EDIT
SUP. INFO. CENTER
PROGRAMMING ANALYST
COMPUTER OPERATOR
KEYPUNCH OPERATORS
PUBLIC INQUIRY CL.
BRANDON
PROCESSING
CLERICAL
DRIVER CONTROL
DRIVING SCHOOL
VEH INSP CLERICAL
OFF MAN.
PRE-EDIT
INFO. CENTER CL.
PROGRAMMING ANALYST
DATA CONT CL.
CLERICAL
PORTAGE
FICHE ROOM
ALCOHOL
SNO & BIKE SAFETY
REC & PAY CL.
TYPING POOL
PROGRAMMING ANALYST
DAUPHIN
PHOTO COUNTER
IMPROVEMENT
CASH SUP.
SUP. COMM VEH. REG.
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DEALER INSPECTOR
STORES CL
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WINNIPEG 1
BRANDON
DAUPHIN
FLIN FLON
WINNIPEG 2
PORTAGE
THOMPSON
FLOW CHART OF MOTOR VEHICLES FEB. 1984

FOREWARD

The Division of Driver and Vehicle Licencing is responsible for the administration of a wide range of programmes. It administers basic driver licencing and motor vehicle registration programmes as well as a variety of driver and vehicle related programmes concerned with maintaining and improving highway safety in Manitoba. The following will provide an indication of the Division's diverse activities in 1984.

DRIVER LICENCING

The basic objective of the Driver Licencing Programme is to establish, co-ordinate and maintain acceptable procedures for the issuance of driver licences in accordance with provisions established under the Highway Traffic Act, the Manitoba Public Insurance Act, related regulations and departmental policy.

The unofficial concept across Canada and the United States of recognizing the driver's licence as an identification document demands that the programme contain stringent controls. These controls and objectives are maintained by the following integrated programmes and services:

- Provision for an effective level of public service by the operation of seven branch offices in addition to the main office at the Division of Driver and Vehicle Licencing. Residents in the rural areas may be serviced by approximately two hundred Authorized Driver Licence Agents and eleven Mobile Testing Units.
- Prior to entry of data to the computerized driver records and information system, all applications, documents and reports are subject to pre-edit procedures to ensure all details meet regulation requirements.
- Maintenance of an accounting facility for driver licence fees and insurance premiums submitted through the mail.
- Maintenance of a programme for effecting corrections to documents rejected during computer processing.

Active drivers at the end of 1984 numbered 594,100. Suspended drivers numbered 24,139.

VEHICLE REGISTRATION

The Vehicle Registration Programme establishes and maintains systems and procedures designed to register and insure motor vehicles, trailers and snowmobiles, in accordance with the Highway Traffic Act, the Taxicab Act, the Manitoba Public Insurance Corporation Act, the Snowmobile Act and the Regulations, and the Canadian Agreement on Vehicle Registration.

In performing this role, the Vehicle Registration Programme provides the following services:

- Issuance of licence plates, validation stickers and permanent registration/ insurance cards.
- Provision for the annual renewal of vehicle registrations.
- Provision for the collection of revenue from registration fees, and for the collection of delinquent accounts receivable.
- Ensures the accurate input of vehicle description, owner data and registration fees received by Driver and Vehicle Licencing Branch Offices, and authorized agencies, to accommodate the requirements of the general public, police and government offices.
- Provision for the proportional registration of vehicles owned by carriers operating inter-provincially between member jurisdictions of the Canadian Agreement on Vehicle Registration.
- Personalized plates - 7,760 sets have been manufactured.

In 1984 a feasibility study was conducted on the possible introduction of a Vehicle Identification Number (V.I.N.) edit to the DVL/MPIC computer system. The target date for implementation of such a system is prior to the 1986 licence renewal year.

A pilot project was started in 1984 under the Canadian Agreement on Vehicle registration. The Single Cab Card Concept, when completed, will allow the plate jurisdiction to issue a single card for proportionally registered vehicles rather than have the carrier apply to each province for a cab card. The target date is registration year 1987.

Vehicle registrations numbered 767,953 in 1984, with commercial vehicle registrations numbering 25,971. Leisure-type new snowmobile registrations numbered 7,232 for a total of 37,543 for the 1982-1985 registration period.

INFORMATION CENTRE

The Information Centre maintains an information retrieval system which provides data on vehicle registrations and driver's licences upon request to law enforcement agencies, other sections of the Division of Driver and Vehicle Licencing, and the general public. When required, Information Centre personnel appear in court to give evidence on these matters.

DEALER PROGRAMME

The Vehicle Registration Section is responsible for the administration of a programme regarding licencing and control of automobile dealers, salesmen and automobile wreckers in accordance with the Highway Traffic Act, Regulations and Departmental Policy. The Programme is headed up by a Dealer Inspector who is responsible for the following functions:

- Acts as a mediator and adjudicator between public and dealers where a complaint is registered against a dealer and/or automobile wreckers.
- Maintains a close liaison with law enforcement agencies and other government departments.
- Monitors the New Vehicle Information Statement (NVIS) programme implemented October 1, 1981.

HIGHWAY SAFETY PROGRAMMES

The various branches of the Division of Vehicle and Driver Licencing, within their own particular spheres of influence, all continued to contribute in 1984 toward the common goal of maintaining and improving highway safety in Manitoba.

DRIVER TESTING

The Driver Testing Section serves the following basic functions:

- Examines applicants to determine whether they have the necessary knowledge, skill, physical and mental abilities to safely operate all types of motor vehicles.
- Determines whether a driver is suffering from physical or mental deficiencies, the extent of such deficiencies and the manner in which they affect the safe operation of a motor vehicle.
- Conducts driver improvement interviews.
- Establishes, maintains and updates standards for driver licencing.
- Promotes safe operation of motor vehicles on streets and highways.
- Provides vehicle registration services at centres served by the branch offices.

The Driver Testing Section deals with all drivers requiring initial and recertification drivers tests, as well as drivers tests for those wishing reclassification to a higher class of licence. This is done through written examinations of rules of the road, vision screening and actual road tests with applicable vehicles.

During the 1984 calendar year, there were a total of 110,251 written and oral knowledge examinations. There were a total of 45,157 road tests, comprised of 38,154 original road tests and 7,003 road tests, administered through the Driver Improvement Programme.

The "first attempt failure rate" was 39% for the original road tests and 13% failure on road tests for re-examinations in the Driver Improvement Programme.

HIGH SCHOOL DRIVER EDUCATION 1984-1985 SCHOOL YEAR

The Driver Education Section administers the Provincial High School Driver Education Programme and the Snowmobile and Bicycle Safety Programme, and is responsible for the supervision of all Commercial Driving Schools, their instructors and training vehicles.

Since the fall of 1981 when the first school division in Manitoba, the Dauphin-Ochre School Area No. 1, was legislated to conduct, on a pilot basis, the first expanded 15½ year old driver education courses, there have been an additional forty three school divisions and districts induced into the Programme.

During the 1983-84 school year a total of 6,568 students have completed driver education courses conducted in and reaching out to 104 high schools. In excess of fifty percent of the students completing the courses are under 16 years of age. The number of instructors involved in the Programme was 283.

Commercial driving schools operating in the Regional Winnipeg area numbered 40, with 11 operating in areas outside the City of Winnipeg. The supervision of these schools included 64 commercial instructors (apart from the 283 driver education instructors) and the annual inspection of 65 commercial training vehicles.

Cabinet in 1984 directed that costs of the High School Driver Education Programme be partially transferred to the Manitoba Public Insurance Corporation, since the Corporation receives a benefit from the programme. Of the $160 cost for the course, $110. is contributed by the Manitoba Public Insurance Corporation, $30. by the student, and $20. by the Division of Driver and Vehicle Licencing.

SNOWMOBILE AND BICYCLE SAFETY

The Snowmobile and Bicycle Safety Section is responsible for the development and promotion of the Manitoba Snowmobile Operator's Training Programme and the Manitoba Bicycle Safety Training Programme. The Section administers the Snowmobile Act and those sections of the Highway Traffic Act pertaining to the use of bicycles and mopeds, and consequently reviews and assesses traffic accident reports falling within these jurisdictions.

The Manitoba Snowmobile Operator's training Programme is available to all interested citizens in Manitoba, on a correspondence course basis.

The programme covers all aspects of snowmobiling such as snowmobile laws, parts identification, pre-start check and basic servicing, safe operating procedures, winter survival and snowmobiling ethics.

Upon contacting the Snowmobile Safety Office, any interested individual or group will be provided with programme materials consisting of a training manual, open-book examination and a self-addressed return envelope. Once the examination has been completed it is returned to the Snowmobile Safety Office for grading. Each participant obtaining the passing grade of 80% or better is awarded a graduate certificate, crest and helmet decal.

During the winter of 1983/84, 3,531 individuals participated in the Manitoba Snowmobile Operator's Training Programme, a decrease of 22.9 percent. Statistics for 1984 show a 7.6% decrease in the number of accidents involving snowmobiles, and a decrease of 20.3% of injured victims. The number of fatalities also decreased from 7 in 1983 to 2 in 1984.

The Bicycle Safety Training Programme is based upon the Canada Safety Council's Safe Bicycling Course. This course is designed to teach children aged six to thirteen years to properly ride a bicycle, while at the same time providing them with the knowledge to recognize and avoid hazardous traffic conditions. The course consists of a theory section and a practical exercise section, for a total of six hours of instruction. Upon completion of the theory and practical exercises, the course is finalized with a bicycle rodeo and the presentation of crests and certificates. The Bicycle Safety Bingo Game is yet another concept of bicycle safety education. This educational game was developed to help create a student's awareness and an understanding of the messages provided by traffic signs.

The Division of Driver and Vehicle Licencing offers this programme to elementary schools in the Winnipeg, Selkirk, Brandon and Thompson areas in two ways. The first method provides a fully trained instructor to interested schools for a one-week period. During this week, the instructor presents the programme to four groups of students, with each group consisting of approximately 35 students. This is the most comprehensive form of bicycle safety education that a child may receive in Manitoba. The second method offers instructional materials to schools for presentation by a faculty member. Due to staffing allotments, this is the only method of presentation offered to rural schools.

The Bicycle Safety Programme in 1984 instructed 32,831 individuals in proper and safe cycling principles, a decrease of 2.3% from the 1983 total of 33,637.

During the months of July and August, 1984, the Snowmobile and Bicycle Safety Section sponsored a Driver and Vehicle Licencing Public Information Display. The purpose of the display is to provide Manitobans with a better understanding of the various programmes offered by the Division. The display appears at various shopping centres throughout Winnipeg.

DRIVER RECORDS AND SUSPENSIONS

The maintenance of driving records of Manitoba drivers is a multi-faceted operation which is involved in not only the compilation of driving infractions but also in the subsequent monitoring of records.

The Driver Records and Suspensions Section includes under its jurisdiction the Accident Processing Section.

The Driver Records and Suspensions Section provides the following functions:

- Maintenance of driver records of all accidents, convictions and suspensions, and processing all incoming documents to ensure their accurate input. These, as well as Medical and Driver Improvement and Control actions are microfilmed, and information in these areas is provided to the Registrar of Motor Vehicles, the Department of the Attorney-General, law enforcement agencies, The Manitoba Public Insurance Corporation, The Licence Suspension Appeal Board, the Medical Review Committee and the general public, as and when required.
- Notification to drivers of suspensions imposed by the Courts, or under the Highway Traffic Act, the Summary Convictions Act, the Criminal Code of Canada or the Young Offenders Act, and the requirements for reinstatement. In 1984, 37,000 suspension notices were issued.
- Microfilming of all Driver Improvement, Medical and suspension files, which includes preparation of files for filming, updating of microfiche files and authorizing destruction of files once filming and updating is completed.

- Issurance of probation and suspension action notices.
- Coding and violating of Traffic Accident Reports in order to assess responsibility to the appropriate driver.
- Provide information, both verbally and in writing, to seven branch offices and eleven Mobile Testing Units to enable them to carry out reinstatement of suspended drivers and to answer inquiries.

The Driver Records and Suspensions Section maintains accurate, up-to-date records to assist the operation of the Driver Improvement and Control and Medical Records Sections, as well as court offices, law enforcement agencies, The Manitoba Public Insurance Corporation and the general public.

DRIVER IMPROVEMENT AND CONTROL

The Driver Improvement and Control Section attempts to identify problem drivers and to assist them in changing the driving habits and/or attitudes which have led to their involvement. The action which is taken by the Driver Improvement and Control Section is dependent on the driver's level of involvement.

The ultimate goal of the Driver Improvement and Control Section is to reduce the number of fatalities, personal injuries and property damage which are the direct result of the numerous traffic accidents occuring annually in the province. By monitoring a driver's involvement and by taking appropriate departmental action, the Driver Improvement and Control Section endeavors to make the roadways a safer place for all.

When a driver accumulates four safety demerit points, the Driver Improvement and Control Section issues a letter advising the driver of the consequences of further involvement. If the driver accumulates six safety demerit points, s/he is then required to attend a Driver Improvement Interview at which time s/he is assisted in achieving a greater awareness of his/her driving problem(s) and is encouraged to develop his/her own solution(s). At the conclusion of the interview, where control action is warranted, the driver may be placed on probation or may be referred for driver examinations or a Defensive Driving Course. In special cases, s/he may also be asked to file a report regarding any medical or physical problem(s) or use of alcohol and drugs.

If a driver's involvement is very serious or s/he has breached the period of probation imposed at an interview, then the Driver Improvement and Control Section will, in accordance with Section 246 of The Highway Traffic Act, request that the driver attend a Show Cause Hearing. The driver's entire record is reviewed at the hearing and a decision as to the advisability of imposing a suspension is made. If the driver is suspended and the imposition of the suspension causes him/her exceptional hardship, s/he has the right to appeal the suspension to the Licence Suspension Appeal Board.

When a suspension imposed pursuant to Section 238 or 246 of the Highway Traffic Act is terminated or when the Licence Suspension Appeal Board has authorized the issuance of a conditional licence, the driver must attend a reinstatement interview at the Driver Improvement and Control Section prior to obtaining the licence.

In addition to the foregoing, the Driver Improvement and Control Section is responsible for the imposition of suspensions pursuant to Section 23(13) of The Highway Traffic Act. In accordance with this section, a probationary driver who is convicted of an offence during his/her first year of driving is suspended for a period not exceeding one year. If exceptional hardship results from a probationary suspension, s/he may apply for a conditional licence to alleviate the resulting hardship.

The Driver Improvement and Control Section also administers the Alcohol and Drug Abuse Programme. All drivers who are convicted of a second or subsequent offence pursuant to Section 234, 234.1, 235, or 236 of the Criminal Code of Canada are required to attend an Impaired Driver's Course at the Alcoholism Foundation of Manitoba. Upon completion of this course, a report is submitted by the Alcoholism Foundation of Manitoba to the Division of Driver and Vehicle Licencing. The reports are processed and the appropriate departmental action is taken.

MEDICAL RECORDS SECTION

The basic objective of the Medical Records Section is to establish systems and procedures for the review and assessment of a driver's medical fitness to safely operate a motor vehicle in accordance with the Highway Traffic Act and its Regulations, the guidelines put forth by the Canadian Medical Association and with departmental policy.

Since the introduction of the Class Licence System in 1975, holders and applicants for driver's licences (Classes 1-4) must file a medical report according to age. Medical reports must also be filed for drivers with Class 1-5 driver's licences who have a medical problem identified in accident reports, driver's licence questionnaires, police reports, correspondence from the courts, physicians and general public.

Based on the medical information and medical standards, drivers may be requested to take driver examinations and/or appear for an interview, have restrictions placed on the driver's licence or have a driving assessment completed by an Occupational Therapist at the Rehabilitation Centre. Modifications to the driver's motor vehicle may be recommended.

In the more serious cases, drivers may have their driver's licence cancelled or declassed to a lower class for failing to meet the medical standards. Drivers may appeal the Division's decision to the Licence Suspension Appeal Board (Medical Review Committee).

In 1984 the Medical Records Section processed 29,460 medical reports. A total of 1271 cancellations were issued; 576 to drivers for failing to meet the medical standards, 695 to drivers for failing to comply with specific requirements. A total of 922 declasses to a lower class of licence were issued; approximately 200 to drivers for failing to meet medical standards, 722 to drivers for failing to comply.

The Medical Records Section consequently performs the following functions and services:

- Initiates, reviews and analyzes medical reports.
- Requests driver examinations and interviews to assess a driver's capability to operate a motor vehicle, and conducts interviews to ascertain a driver's medical fitness.
- Prepares medical appeal submissions and acts on the decisions of the Licence Suspension Appeal Board/Medical Review Committee.
- Initiates suspensions, cancellation or declassification notices.
- Conducts reinstatement interviews following suspension or cancellations of a driver's licence.
- Maintains medical records.

MOTOR VEHICLE INSPECTION SECTION

The Motor Vehicle Inspection Programme continued in 1984 to monitor the operating condition of motor vehicles in Manitoba. Of the 42,001 vehicles called in under the computerized random selection programme for cars and light trucks in 1984, 14,862 or 35% passed inspection on the first attempt, 26,515 or 63% failed, while the remaining 624 (2%) were determined to be of such hazardous condition that the immediate suspension of registration resulted. The compulsory inspection of passenger cars and light trucks totalled 38,791, School Buses 1,755 and Voluntary inspections 1,262 in 1984. The three most common areas of defect, in descending order, were:

- Lights (signal lights, brake lights, etc), glass and other equipment.
- Brake system (brake hoses, braking forces, etc.)
- Headlamps (aim, output, etc.)

Under a pilot project initiated in 1984, the Critical Item Inspection of Commercial Vehicles, 428 vehicles were inspected. A total of 74.4% of these vehicles passed inspection, 24.4% failed, and 1.2% were determined to be of hazardous condition.

FINANCIAL AND ADMINISTRATIVE SERVICES SECTION

The Financial Services Section provides a financial support function to ten operating programmes within the Division of Driver and Vehicle Licencing, seven Branch Offices and in excess of 200 Authorized Driver Licence Agents, with responsibilities for establishing and monitoring procedures for the receiving/allocation of approximately $12,000,000 in salaries and other expenditures; the co-ordination and preparation of the Division estimates; the maintenance of financial records for purposes of budgetary planning; the collection or refund of licence fees and insurance premiums to approximately 40,000 Manitoba drivers who have underpaid, overpaid or have applied for refunds on their licences; the submission of financial reports to management on a regular basis; the provision of advice and/or analysis on financial matters.

The Administrative Services Section provides and administrative support function to ten operating programmes and seven Branch Offices with responsibilities for the requisitioning and receiving of goods and/or services; the maintenance of stock and inventory valued at approximately $80,000; the retention and destruction of Government records and documents; mail and postal services; various projects, studies and analysis.

The Financial and Administrative Services section has the responsibility to liaise with the Department of Finance to ensure that all financial and administrative policies and procedures established by the Division are in accordance with central government policies; liaise with the Department of Highways and Transportation to ensure that policies and procedures conform with departmental policies; liaise with the Manitoba Public Insurance Corporation to ensure that financial procedures and policies related to insurance premiums assessed on the driver licence system are in accordance with MPIC policy and the regulations of the MPIC Act; liaise with centralized Government agencies such as the Queen's Printer, Office Equipment, Advertising Audit, Government Services, Telecommunications and Purchasing Branch for the acquisition of goods and/or services.

SYSTEMS AND DATA PROCESSING

The basic objective of the Systems and Data Processing Section is to organize the collection, storage, transmission and processing of data in a manner that is efficient, accurate, economical and timely. This objective is achieved through the effective use of operating procedures and computer technology.

Each operating programme within Driver and Vehicle Licencing has unique requirements for handling data. Systems and Data Processing personnel examine these requirements, considering the overall objectives and existing procedures, and in conjunction with user management and staff, define, implement and maintain automated and manual procedures, and operate the computer facilities which support these procedures.

During the past few years, automation and associated procedures have developed extensively and encompass virtually every major function of Driver and Vehicle Licencing. Currently, a highly integrated and complex system supports most operating programmes and interacts with external users such as the Manitoba Public Insurance Corporation, police authorities and other government departments. The data needs

of each user are captured and processed in 73 different transaction formats and updated to a computer file containing approximately 721,318 driver records. Information requirements are satisfied by 117 different computer printed reports and 14 on-line display formats which provide internal and external users with instant access to the data stored on individual drivers or vehicles.

During the fiscal year 1984/85, there were 2,754,968 update actions to driver records, which represents approximately 3.8 actions per driver. In support of the various Driver and Vehicle Licencing operating programmes, approximately 53.5 million lines of data were printed by our remote job entry facility and 1.6 million inquiries were processed through the on-line information system.

In the same period, more than 82 changes were made to the computer programmes. These changes are implemented primarily to assist the operating programmes in achieving their objectives. Also, the computer system is constantly updated to improve controls, accuracy and efficiency, and in general to provide a high level of service to the public.

Using internal staff the Division conducted a study to identify the word processing requirements of the following designated areas: Administrative Secretaries, Driver Records and Suspensions, Driver Improvement, Financial and Administrative Services, Medical Records Section, Vehicle Registration, Driver Licencing, and Training Services. The results of this study identified the need for word processing facilities and a submission was made to Treasury Board regarding this matter in August, 1984. Treasury Board gave the Division approval in principle to acquire an Integrated Word Processing system and required the Division to develop a detailed implementation plan. This was undertaken by internal staff, in consultation with the Information Management Division, and Treasury Bord approved the plan for the acquisition of the following integrated system: 5 work stations, 4 printers, and a central processing unit.

The integrated system will be acquired from AES to maintain compatibility with other word processing equipment within the Department of Highways and Transportation. The Division plans to have the word processing facilities operational early in the 1985/86 fiscal year.

Systems and Data Processing is an integral part of Driver and Vehicle Licencing. Through the effective use of operating systems and computer hardware, the individual

programmes process a significant volume of work and have access to data which would otherwise be unavailable.

Specific plans for the future include:

- A review of computer hardware.
- Continued modification to computer programmes based on user needs and changes in legislation or policy.
- Automated system for producing statistical reports that Driver Testing staff currently provide manually. This system will be implemented by June 1985.
- The design and implementation of a Time Payment Plan for drivers who are assessed a surcharge on their driver's licence.
- Automated system for Cab Cards. This new system will be developed by internal staff and will be in place by November 1, 1985.
- Plans to develop an Information Centre to take advantage of the user friendly computing packages that are available through Manitoba Data Services.
- Complete review of processing requirements in the Driver Improvement Section with the objective of firmly establishing the Section's requirements and implementing the same.

TRAINING SERVICES SECTION

The Training Services Section is accountable for the training and development of all Driver and Vehicle Licencing Division staff. It provides a support service to the public at our main office. This includes the display and distribution of a large variety of related traffic safety material. This Section is also responsible for the development and updating of Divisional Publications as well as four Procedural Manuals.

In meeting the requirements of the Workplace Safety and Health Act, Training Services is responsible for the development and administration of a Divisional Safety Programme.

RESEARCH SECTION

The major objective of the Research Section is to collect, maintain and analyze statistical information relative to the Motor Vehicle Branch. This is

accomplished through the conducting of studies and statistical analysis, and through the provision on information/reports to management, government departments, the general public and external agencies.

ABBREVIATIONS AND SYMBOLS

D.V.L.	DIVISION OF DRIVER AND VEHICLE LICENCING
M.	MALE
F.	FEMALE
PROP. DAMAGE	PROPERTY DAMAGE
YRS.	YEARS
H.T.A.	HIGHWAY TRAFFIC ACT
C.C.C.	CRIMINAL CODE OF CANADA
R.C.M.P.	ROYAL CANADIAN MOUNTED POLICE
D.D.C.	DEFENSIVE DRIVING COURSE
P.D.C.	PERFORMANCE DRIVING COURSE
N/A	NOT APPLICABLE/AVAILABLE
EST.	ESTIMATED
DEPT.	DEPARTMENT
POP.	POPULATION
WPG.	WINNIPEG
MAN.	MANITOBA
A.	ACTIVE
S.	SUSPENDED
INCL.	INCLUDES
PTS.	POINTS
REQ'MT	REQUIREMENT

MINIMAL INJURY - NO HOSPITAL TREATMENT
MINOR INJURY - TREATED AND RELEASED
MAJOR INJURY - ADMITTED TO HOSPITAL
FATAL INJURY - DEATH WITHIN 30 DAYS OF ACCIDENT
PROPERTY DAMAGE ACCIDENT - DAMAGE TO VEHICLE AND/OR PROPERTY ONLY

00	INFINITY
%	PERCENT
+	PLUS
-	MINUS, OR NEGLIGIBLE AMOUNT
'83	1983
'84	1984

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N.B. Wherever date not stated in title of table, 1984 is implied

ANALYSIS OF MANITOBA DRIVERS
ACTIVE AND SUSPENDED
BY AGE AND SEX
1983-1984

AGE (YRS)	SEX	ACTIVE 1984	% M/F	SUSPENDED 1984	% M/F
16-17	M	10,895	54.3	191	84.5
	F	9,169	45.7	35	15.5
	TOTAL	20,064	100.0	226	100.0
18-24	M	51,372	51.7	6,078	90.5
	F	47,960	48.3	635	9.5
	TOTAL	99,332	100.0	6,713	100.0
25-34	M	76,670	51.4	6,802	89.1
	F	72,481	48.6	833	10.9
	TOTAL	149,151	100.0	7,635	100.0
35-44	M	60,730	52.9	3,198	86.9
	F	54,169	47.1	482	13.1
	TOTAL	114,899	100.0	3,680	100.0
45-54	M	43,730	55.7	1,798	89.8
	F	34,734	44.3	204	10.2
	TOTAL	78,464	100.0	2,002	100.0
55-64	M	40,812	57.7	1,170	90.0
	F	29,920	42.3	130	10.0
	TOTAL	70,732	100.0	1,300	100.0
65-74	M	28,696	62.4	790	80.9
	F	17,259	37.6	187	19.1
	TOTAL	45,955	100.0	977	100.0
75-84	M	10,389	72.1	752	78.7
	F	4,030	27.9	203	21.3
	TOTAL	14,419	100.0	955	100.0
85+	M	914	84.3	571	87.7
	F	170	15.7	80	12.3
	TOTAL	1,084	100.0	651	100.0
ALL AGES 1984	M	324,208	54.6	21,350	88.4
	F	269,892	45.4	2,789	11.6
	TOTAL	594,100	100.0	24,139	100.0
ALL AGES 1983	M	327,178	54.9	22,956	89.8
	F	268,774	45.1	2,608	10.2
	TOTAL	595,952	100.0	25,564	100.0
% CHANGE 1983 1984	M	- 0.9		- 7.0	
	F	+ 0.4		+ 6.9	
	TOTAL	- 0.3		- 5.6	

The number of active and suspended drivers is based on a twelve month average.

ANALYSIS OF ACTIVE AND SUSPENDED
MANITOBA DRIVERS BY CLASS OF LICENCE
1984

CLASS	ACTIVE MALE	ACTIVE FEMALE	ACTIVE TOTAL	PERCENT IN EACH CLASS	SUSPENDED MALE	SUSPENDED FEMALE	SUSPENDED TOTAL	PERCENT IN EACH CLASS
1.0	13,628	215	13,843	2.3	804	3	807	3.3
1.6 *	3,808	30	3,838	0.6	151	1	152	0.6
2.0	4,451	846	5,297	0.9	94	4	98	0.4
2.6 *	755	33	788	0.1	16	-	16	-
3.0	9,907	408	10,315	1.8	482	3	485	2.1
3.6 *	2,206	26	2,232	0.4	95	1	96	0.4
4.0	8,047	1,547	9,594	1.7	687	59	746	3.1
4.6 *	2,089	94	2,183	0.4	84	2	86	0.3
5.0	248,203	255,247	503,450	84.7	16,583	2,393	18,976	78.6
5.6 *	26,824	3,104	29,928	5.0	1,542	33	1,575	6.6
6.0	99	16	115	-	22	3	25	0.1
7.0	4,191	8,326	12,517	2.1	790	287	1,077	4.5
TOTAL	324,208	269,892	594,100	100.0	21,350	2,789	24,139	100.0

* .6 refers to a motorcycle licence held in conjunction with another class of licence.

VEHICLE REGISTRATION
UNDER THE HIGHWAY TRAFFIC ACT
1984

VEHICLE CLASS	CLASS TOTAL	% IN EACH CLASS
PASSENGER	486,727	63.4
DELIVERY CAR	1,029	0.1
ANTIQUE	75	-
MOTORCYCLE	18,006	2.4
TRUCK	107,676	14.0
FARM TRUCK	66,739	8.7
SNOW VEHICLE (H.T.A.)	107	-
TRAILER	87,382	11.4
TRACTOR	212	-
TOTAL 1984	767,953	100.0
TOTAL 1983	756,391	100.0
PERCENT CHANGE 1983-1984	+ 1.5	
SNOWMOBILE UNDER THE SNOWMOBILE ACT 1984	37,543	
1983	30,311	

COMMERCIAL VEHICLE REGISTRATION
UNDER THE HIGHWAY TRAFFIC ACT
1984

VEHICLE CLASS	CLASS TOTAL	% IN EACH CLASS
C.T. TRUCK	15,235	58.7
P.S.V. TRUCK	3,519	13.5
U-DRIVE CAR AND TRUCK	2,237	8.6
DEALER AND REPAIRER	3,233	12.4
LIVERY - CITY *	372	1.4
LIVERY - COUNTRY	299	1.2
TAXI - CITY *	12	0.1
TAXI SEASONAL	45	0.2
LIMOUSINE	19	0.1
P.S.V. BUS	136	0.5
C.T. TRAILER	848	3.2
P.S.V. TRAILER	16	0.1
TOTAL 1984	25,971	100.0
TOTAL 1983	23,538	100.0
PERCENT CHANGE 1983-1984	+10.3	

* Combination of Livery - City and Taxi - City always equals established quota of 400.

MOTOR VEHICLE TRAFFIC ACCIDENTS

1984

A. 1984 ACCIDENT PICTURE

TOTAL ACCIDENTS	32,548
FATAL	112
NON-FATAL	7,961
PROPERTY DAMAGE	24,475
TOTAL VICTIMS	11,791
KILLED	127
INJURED	11,664
TOTAL DRIVERS INVOLVED	50,450
TOTAL VEHICLES INVOLVED	55,786

B. TIME-RELATED FACTS IN 1984

-Every 16.1 minutes a motor vehicle accident occurred in Manitoba.
-Every 3 days (2.87) a person died in Manitoba as a result of a motor vehicle accident.
-Every 24 hours, 32 people were injured as a result of a motor vehicle accident.
-3 months - December, January and November (in descending order) accounted for 32% (32.2%) of all accidents occurring in 1984.
-36.3% of all accidents occurred on either Friday or Saturday.
-22.3% of all accidents occurred between the hours of 3-6 p.m.

C. OTHER SELECTED ACCIDENT STATISTICS FOR 1984

-In urban areas, motor vehicle to motor vehicle collisions accounted for 80.7 of all reportable accidents, while in rural areas 33.4% of reportable accidents resulted from running off the roadway.
-83.6% of all accidents occurred on straight roads.
-35.0% of all accidents occurred at intersections.
-62.4% of all accidents occurred in Winnipeg.
-Of 127 fatally injured victims - 66.9% were male.
-Of 11,791 killed and injured victims, 1,905 or 16.2% were between the age group 15 to 19 years and 2,416 or 20.5% between the age group 25 to 34 years.
-Approximately 75.6% of the vehicles involved were passenger vehicles.
-6.6% of the vehicles involved were one year old, while 35.7% of vehicles involved were between 8-16 years old.
-Driving too fast for conditions, and losing control of the vehicle were the most frequent improper driving actions.

MOTOR VEHICLE TRAFFIC ACCIDENTS
ANALYSIS OF FIVE YEAR PERIOD
1980-1984

	1980	1981	% Change 80-81	1982	1983	% Change 82-83	1984	% Change 83-84	% Change 80-84
TOTAL ACCIDENTS	36,964	37,572	+ 1.6	35,057	31,877	- 9.1	32,548	+ 2.1	-11.9
Fatal	156	168	+ 7.7	132	126	- 4.5	112	-11.1	-28.2
Injury	7,787	7,929	+ 1.8	7,535	7,935	+ 5.3	7,961	+ 0.3	+ 2.2
Property Damage	29,021	29,475	+ 1.6	27,390	23,816	- 13.0	24,475	+ 2.8	-15.7
TOTAL VICTIMS	11,115	11,168	+ 0.5	10,460	10,931	- 4.5	11,791	+ 7.9	+ 6.1
Killed	175	198	+ 13.1	151	133	- 11.9	127	- 4.5	-27.4
Injured	10,940	10,970	+ 0.3	10,309	10,798	+ 4.7	11,664	+ 8.0	+ 6.6
TOTAL VEHICLES INVOLVED	63,512	63,437	- 0.1	59,061	54,284	- 8.1	55,786	+ 2.8	-12.2
Fatal	225	247	+ 9.8	186	175	- 5.9	171	- 2.3	-24.0
Injury	13,645	13,910	+ 1.9	13,310	14,085	+ 5.8	14,131	+ 0.3	+ 3.6
Property Damage	49,642	49,280	- 0.7	45,565	40,024	- 12.2	41,484	+ 3.6	-16.4
TOTAL DRIVERS INVOLVED	61,632	61,770	+ 0.2	53,906	49,139	- 8.8	50,450	+ 2.7	-18.1
Fatal	224	242	+ 8.0	181	169	- 6.6	163	- 3.6	-27.2
Injury	13,298	13,576	+ 2.1	12,773	13,424	+ 5.1	13,366	- 0.4	+ 0.5
Property Damage	48,110	47,952	- 0.3	40,952	35,546	- 13.2	36,921	+ 3.9	-23.3

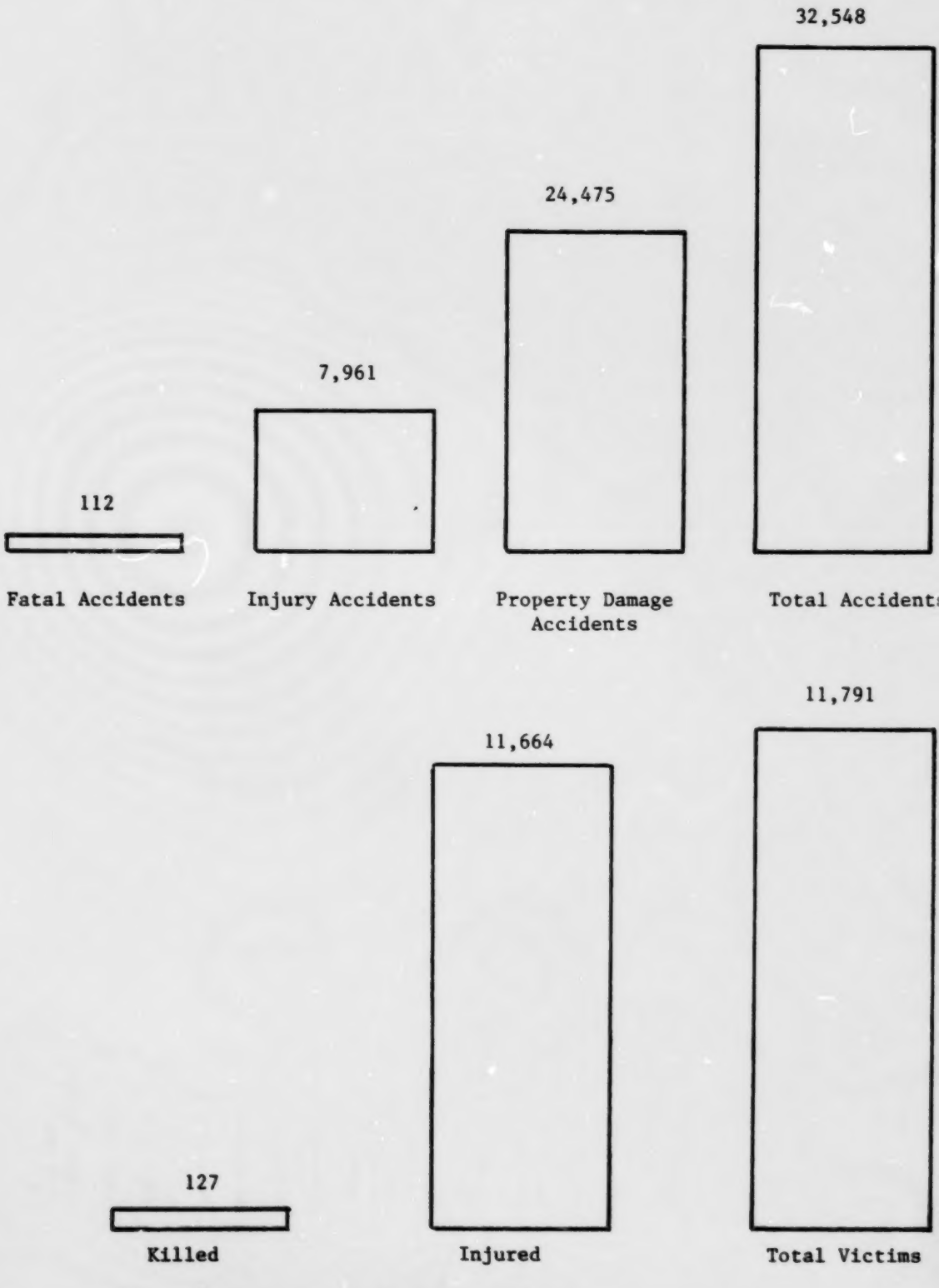
MOTOR VEHICLE TRAFFIC ACCIDENTS AND VICTIMS
1984
BY NATURE OF ACCIDENT AND INJURY
AND MONTH OF OCCURRENCE

	NATURE OF ACCIDENT					TYPE OF INJURY			
MONTH	FATAL	INJURY	PROP DAMAGE	TOTAL ACCIDENTS	% IN EACH MONTH	KILLED	INJURED	TOTAL VICTIMS	% IN EACH MONTH
January	5	790	2,492	3,287	10.1	5	1,122	1,127	9.6
February	7	664	1,873	2,544	7.8	7	1,034	1,041	8.8
March	4	522	1,815	2,341	7.2	4	786	790	6.7
April	9	528	1,491	2,028	6.2	10	781	791	6.7
May	11	523	1,516	2,050	6.3	14	785	799	6.8
June	8	730	1,886	2,624	8.1	10	1,100	1,110	9.4
July	14	674	1,713	2,401	7.4	17	1,000	1,017	8.5
August	18	673	1,617	2,308	7.1	20	985	1,005	8.5
September	16	682	1,905	2,603	8.0	17	1,027	1,044	8.9
October	8	727	2,440	3,175	9.8	9	1,047	1,056	9.0
November	7	673	2,544	3,224	9.9	9	916	925	7.8
December	5	775	3,183	3,963	12.1	5	1,081	1,086	9.3
TOTAL 1984	112	7,961	24,475	32,548	100.0	127	11,664	11,791	100.0
TOTAL 1983	126	7,935	23,816	31,877		133	10,798	10,931	
PERCENT CHANGE 1983-1984	-11.1	+0.3	+2.8	+2.1		-4.5	+8.0	+7.9	

GRAPH 1

TRAFFIC ACCIDENTS AND ACCIDENT VICTIMS

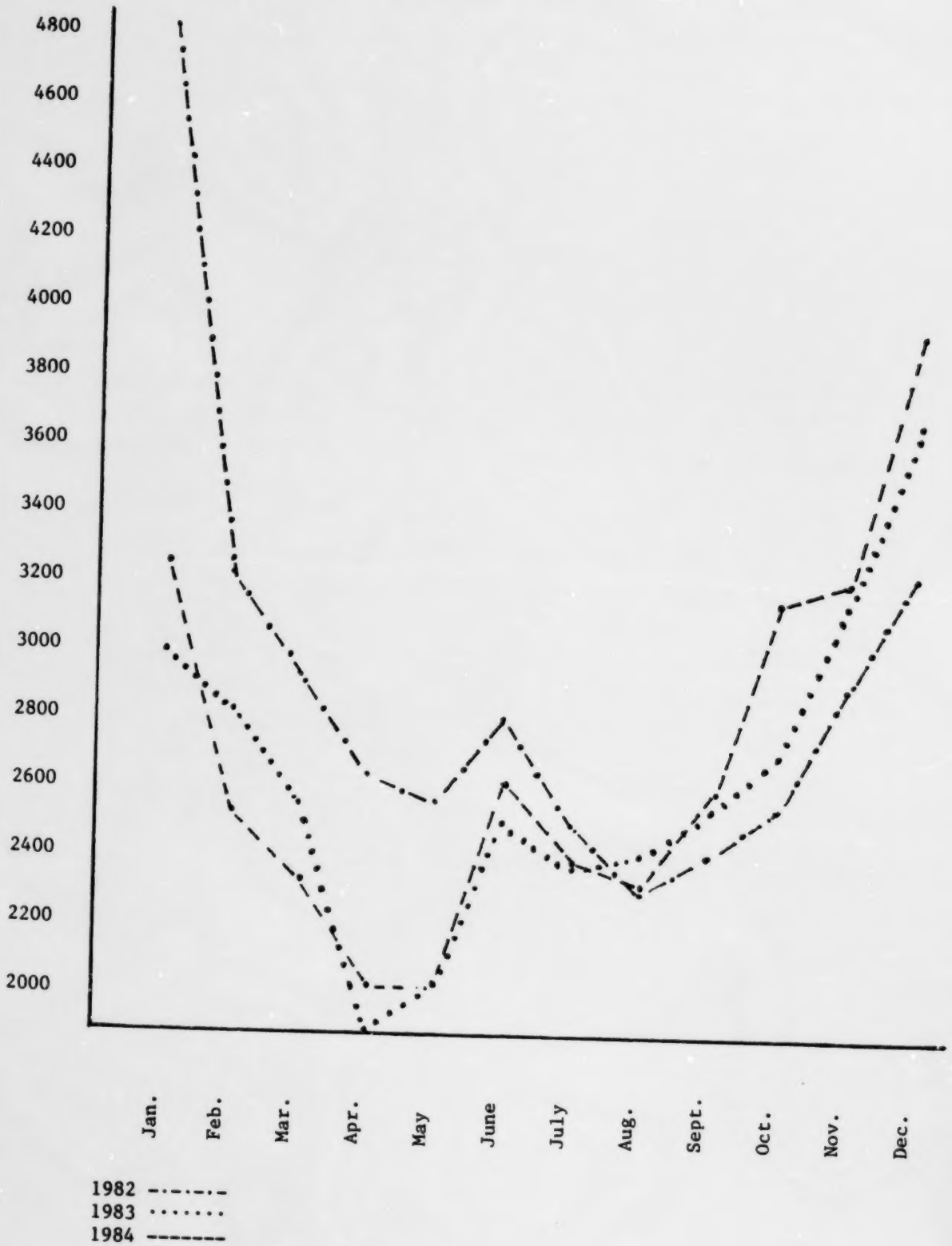
1984



GRAPH II

GRAPHIC DISTRIBUTION OF ALL ACCIDENTS

1982 TO 1984



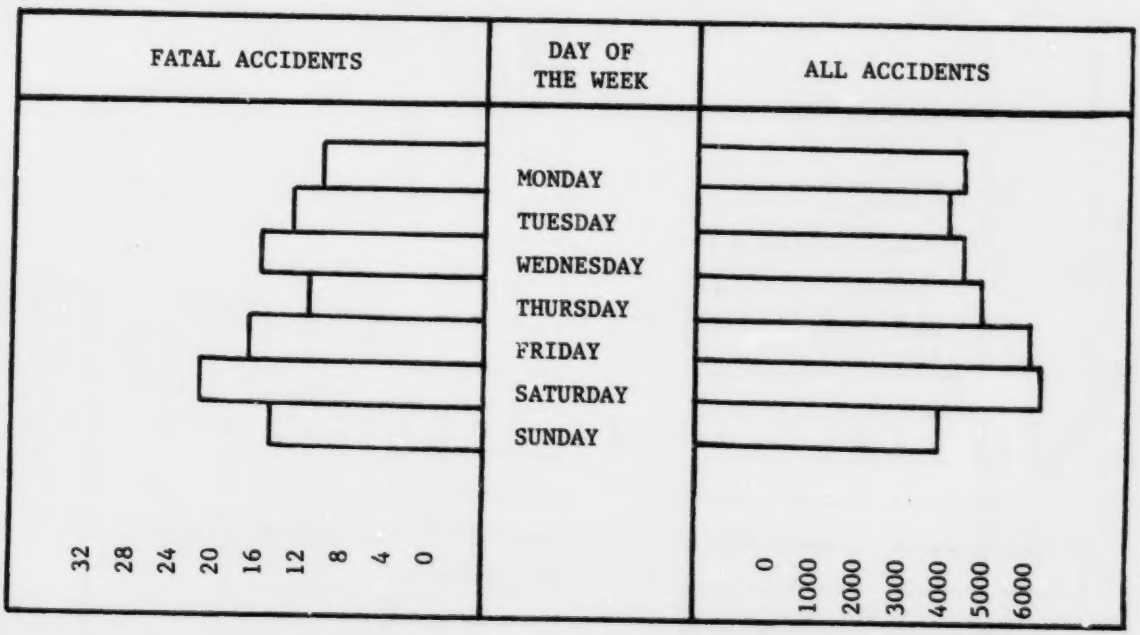
MOTOR VEHICLE TRAFFIC ACCIDENTS
1984
BY NATURE OF ACCIDENT AND DAY OF OCCURRENCE

DAY	FATAL	INJURY	PROP DAMAGE	TOTAL	% ON EACH DAY
Monday	11	978	3,054	4,043	12.4
Tuesday	14	986	2,958	3,958	12.2
Wednesday	17	1,059	3,194	4,270	13.1
Thursday	12	1,135	3,329	4,476	13.8
Friday	18	1,373	4,477	5,868	18.0
Saturday	23	1,451	4,486	5,960	18.3
Sunday	16	919	2,685	3,620	11.1
Not Stated	1	60	292	353	1.1
TOTAL 1984	112	7,961	24,475	32,548	100.0
TOTAL 1983	126	7,935	23,816	31,877	
PERCENT CHANGE 1983-1984	-11.1	+0.3	+2.8	+2.1	

GRAPH III

DAILY DISTRIBUTION OF TRAFFIC ACCIDENTS

1984



MOTOR VEHICLE TRAFFIC ACCIDENTS
1984
NATURE OF ACCIDENT AND TIME OF OCCURRENCE

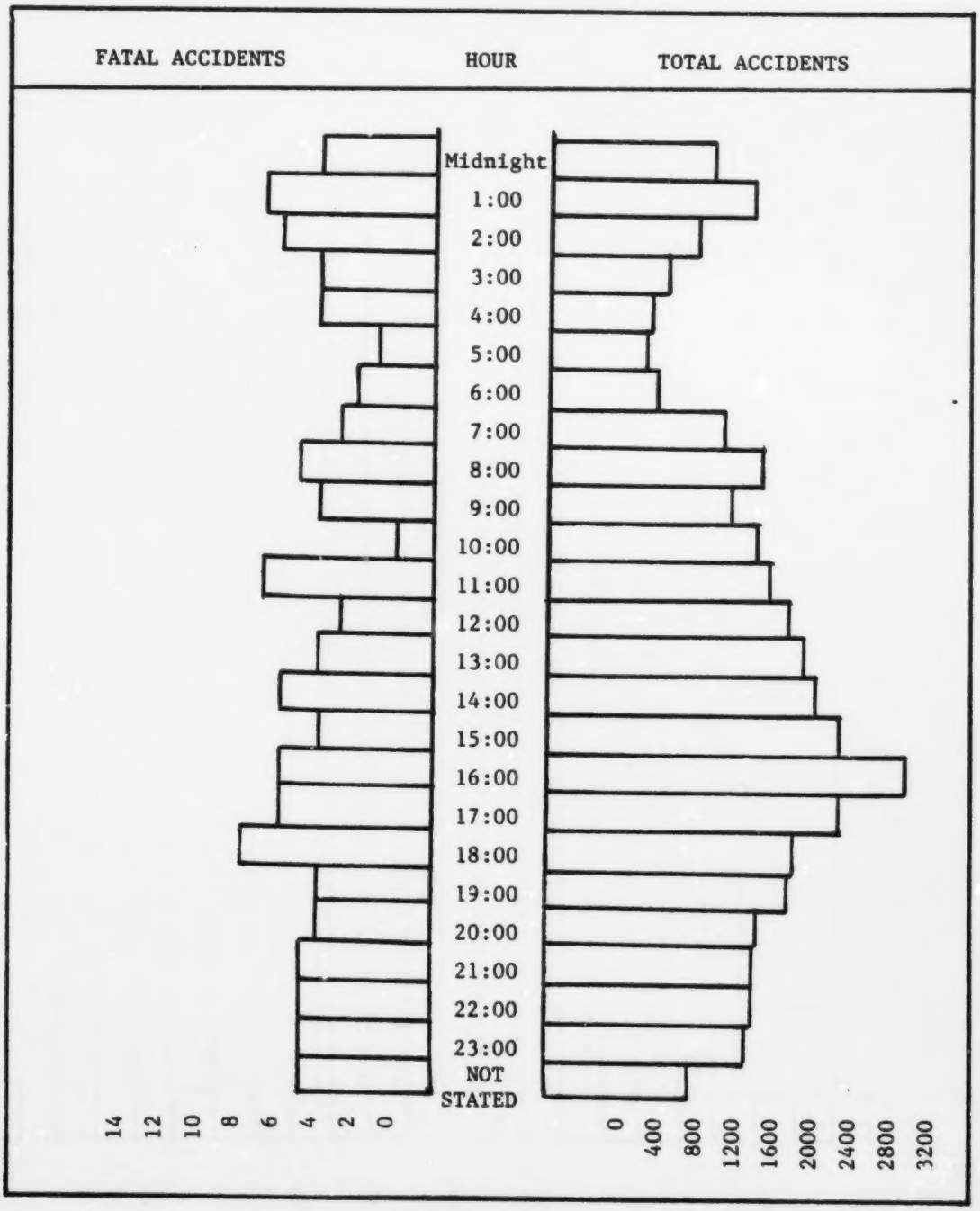
HOUR	NUMBER OF ACCIDENTS					NUMBER OF VICTIMS			
	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY	KILLED	INJURED	TOTAL	% IN EACH CATEGORY
12 - 1 am.	4	227	633	864	2.7	4	343	347	2.9
1 - 2	7	379	904	1,290	4.0	9	597	606	5.1
2 - 3	6	214	515	735	2.2	6	332	338	2.9
3 - 4	4	117	288	409	1.2	4	171	175	1.5
4 - 5	4	81	191	276	0.8	5	130	135	1.1
5 - 6	1	58	164	223	0.7	1	77	78	0.7
6 - 7	2	93	284	379	1.2	2	134	136	1.2
7 - 8	3	254	776	1,033	3.2	6	340	346	2.9
8 - 9	5	374	1,013	1,392	4.3	6	527	533	4.5
9 - 10	4	282	866	1,152	3.5	4	386	390	3.3
10 - 11	-	292	1,076	1,368	4.2	-	432	432	3.7
11 - 12	7	360	1,197	1,564	4.8	7	484	491	4.2
12 - 1 pm.	3	397	1,250	1,650	5.1	3	565	568	4.8
1 - 2	4	395	1,406	1,805	5.5	4	566	570	4.9
2 - 3	6	449	1,494	1,949	6.0	6	635	641	5.4
3 - 4	4	531	1,682	2,217	6.8	4	767	771	6.5
4 - 5	6	753	2,106	2,865	8.8	8	1,061	1,069	9.1
5 - 6	6	594	1,582	2,182	6.7	11	885	896	7.6
6 - 7	8	452	1,231	1,691	5.2	8	665	673	5.7
7 - 8	4	369	1,279	1,652	5.1	4	569	573	4.9
8 - 9	4	297	1,065	1,366	4.2	4	479	483	4.1
9 - 10	5	302	980	1,287	4.0	5	462	467	4.0
10 - 11	5	297	987	1,289	4.0	6	468	474	4.0
11 - 12	5	273	939	1,217	3.7	5	401	406	3.4
Not Stated	5	121	567	693	2.1	5	188	193	1.6
TOTAL 1984	112	7,961	24,475	32,548	100.0	127	11,664	11,791	100.0
TOTAL 1983	126	7,935	23,816	31,877	100.0	133	10,798	10,931	100.0
PERCENT CHANGE 1983-1984	-11.1	+0.3	+2.8	+2.1		-4.5	+8.0	+7.9	

GRAPH IV

GRAPHIC DISTRIBUTION OF TIME

OF TRAFFIC ACCIDENTS

1984



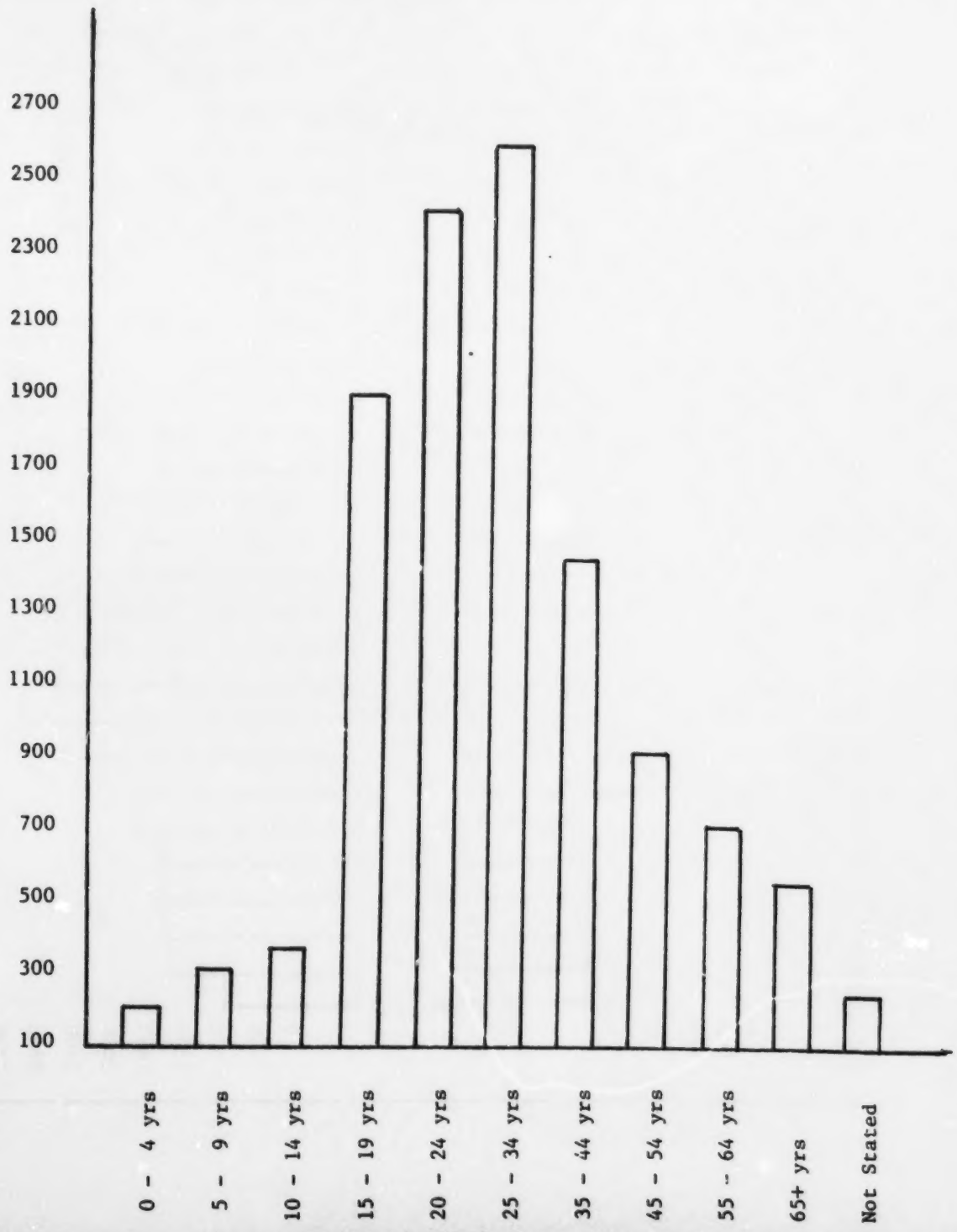
GRAPH V

MOTOR VEHICLE ACCIDENT VICTIMS

BY AGE

KILLED AND INJURED

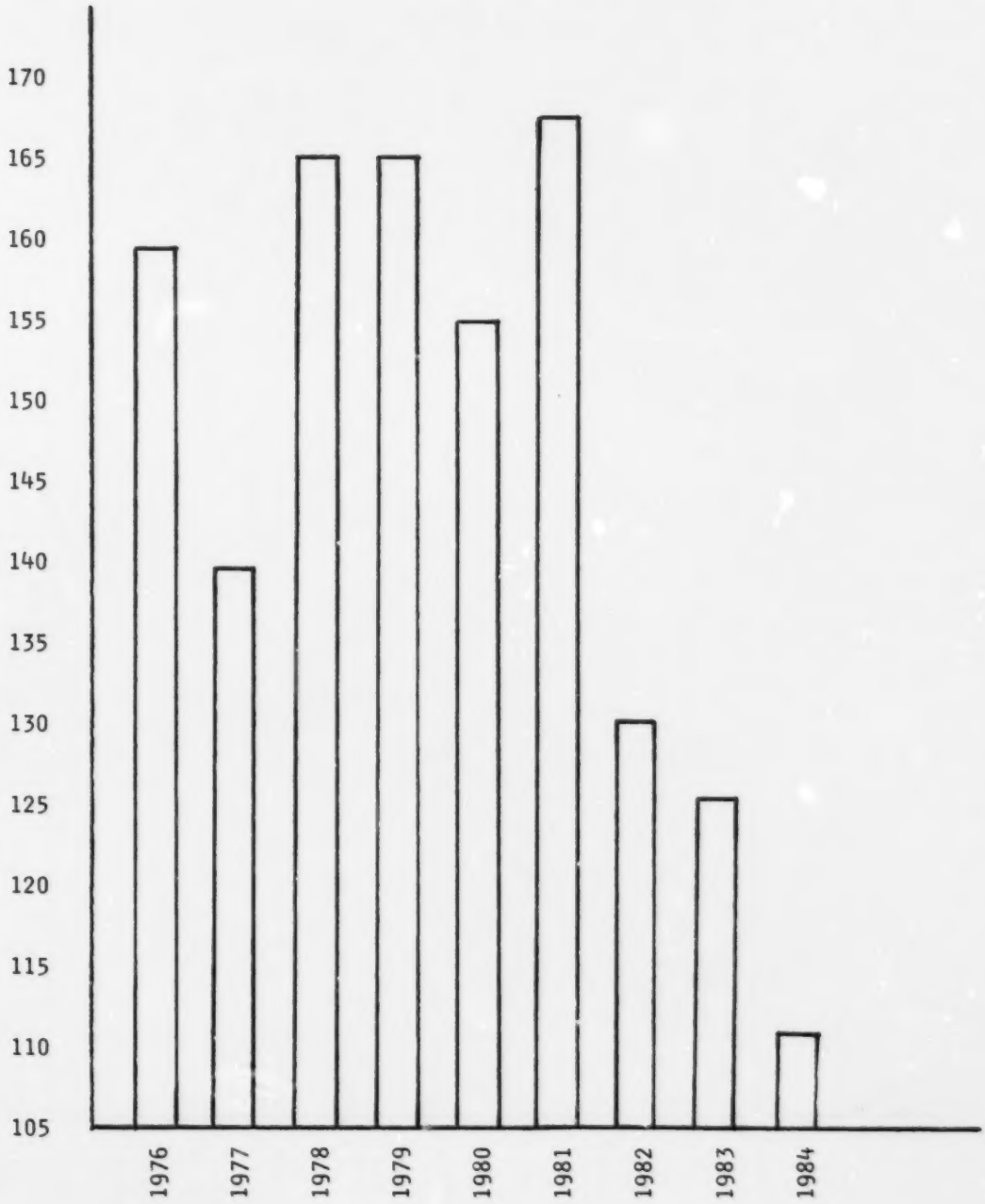
1984



GRAPH VI

FATAL TRAFFIC ACCIDENTS

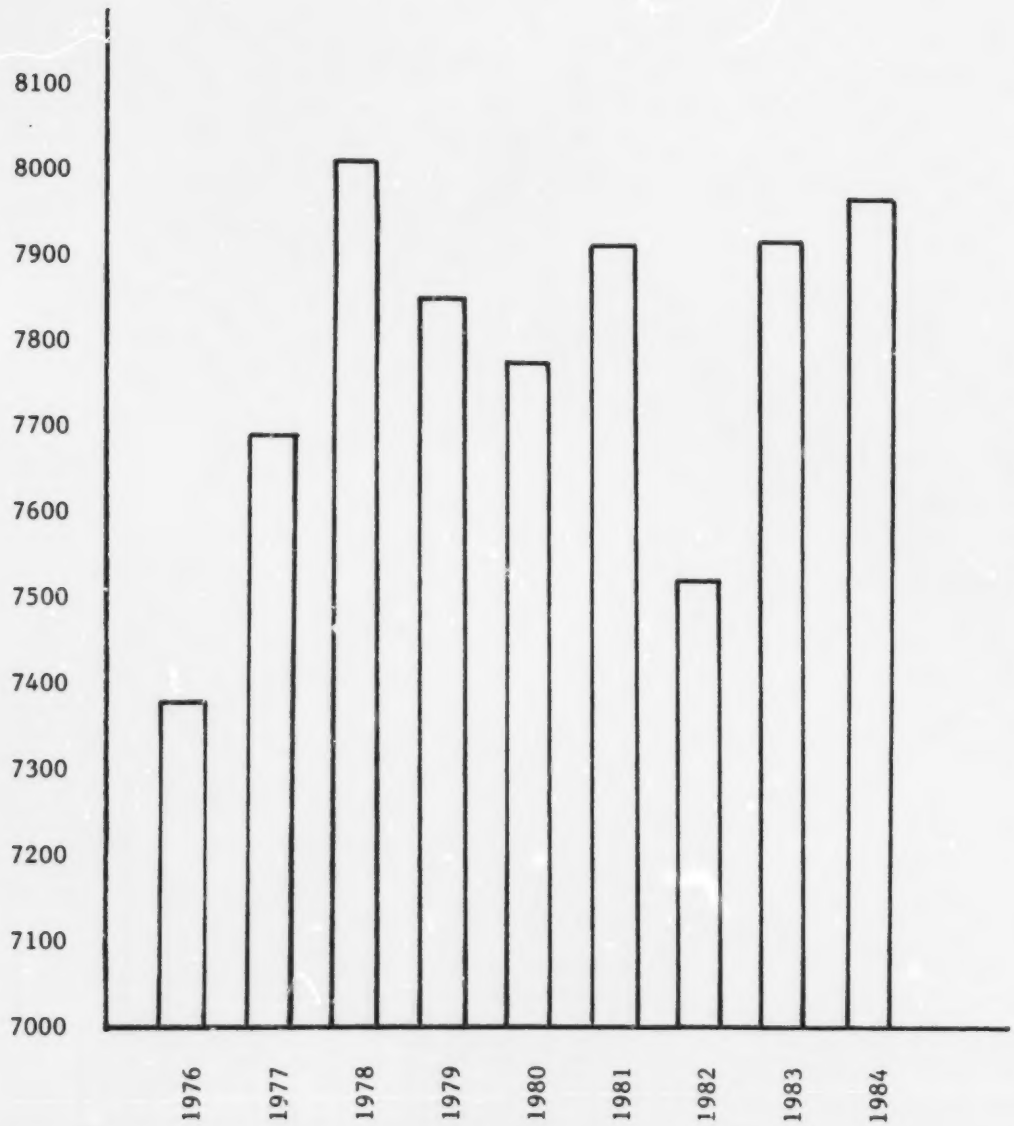
1976 TO 1984



GRAPH VII

INJURY TRAFFIC ACCIDENTS

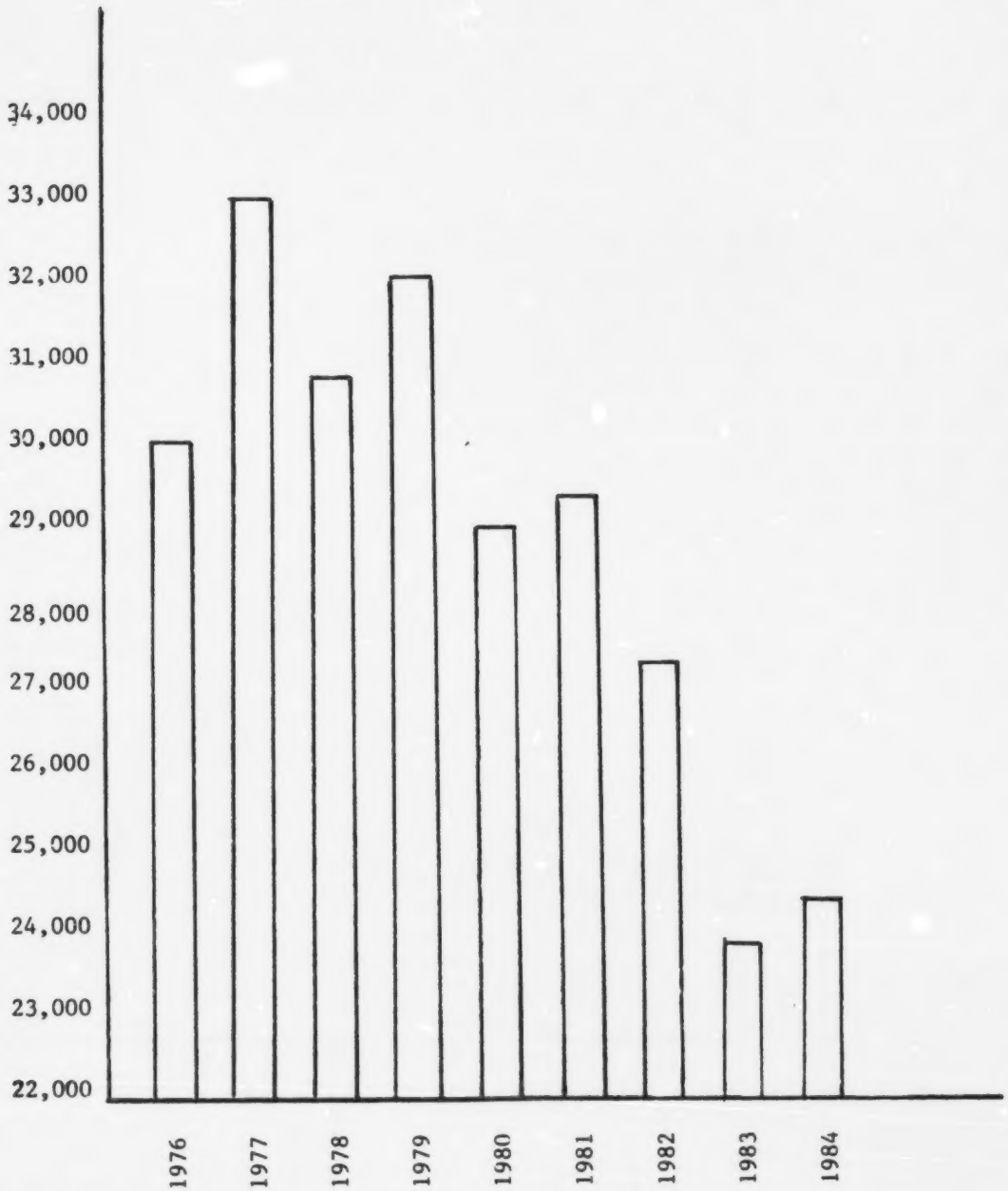
1976 TO 1984



GRAPH VIII

PROPERTY DAMAGE ACCIDENTS

1976 TO 1984



MOTOR VEHICLE TRAFFIC ACCIDENTS
1984
BY NATURE AND TYPE OF ACCIDENT

ACCIDENT TYPE	URBAN			RURAL			PROVINCIAL TOTAL			TOTAL	% IN EACH CATEGORY
	FATAL	INJURY	PROP DAMAGE	FATAL	INJURY	PROP DAMAGE	FATAL	INJURY	PROP DAMAGE		
Pedestrian	13	563	3	5	36	--	18	599	3	620	1.9
Motor Vehicle	9	4,332	16,539	27	484	1,331	36	4,816	17,870	22,722	69.8
Railway Train	1	3	13	4	4	10	5	7	23	35	0.1
Motorcycle	3	259	161	8	95	47	11	354	208	573	1.8
Bicycle	2	280	9	2	20	--	4	300	9	313	1.0
Animal	--	3	64	--	64	1,001	--	67	1,065	1,132	3.5
Fixed Object	5	553	2,414	8	158	548	13	711	2,962	3,686	11.3
Other Object	--	39	164	1	42	186	1	81	350	432	1.3
Overturned in Roadway	--	11	9	5	68	99	5	79	108	192	0.6
Ran Off Roadway	1	89	228	18	803	1,413	19	892	1,641	2,552	7.8
Other Non Collision	--	33	60	--	19	175	--	52	235	287	0.9
Collision With Moped	--	2	1	--	1	--	--	3	1	4	--
TOTAL 1984	34	6,167	19,665	78	1,794	4,810	112	7,961	24,475	32,548	100.0
TOTAL 1983	54	6,526	19,407	72	1,409	4,409	126	7,935	23,816	31,877	
PERCENT CHANGE 1983-1984	-37.0	-5.5	+1.3	+8.3	+27.3	+9.1	-11.1	+0.3	+2.8	+2.1	

MOTOR VEHICLE TRAFFIC ACCIDENTS
1984
BY NATURE OF ACCIDENT AND
ACCIDENT SITE TYPE

ACCIDENT SITE TYPE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
Intersection	33	3,421	7,949	11,403	35.0
Between Intersections	61	3,418	10,051	13,530	41.6
Intersection of Private Drive	2	186	746	934	2.9
Lane	--	174	862	1,036	3.2
Parking Lot	1	200	3,081	3,282	10.1
Railroad Level Crossing	5	24	103	132	0.4
Bridge/Overpass	3	157	330	490	1.5
Tunnel/Underpass	--	13	39	52	0.1
Not Applicable	6	260	866	1,132	3.5
Other	--	23	67	90	0.3
Unknown	1	85	381	467	1.4
TOTAL 1984	112	7,961	24,475	32,548	100.0
TOTAL 1983	126	7,935	23,816	31,877	
PERCENT CHANGE 1983-1984	-11.1	+0.3	+2.8	+2.1	

MOTOR VEHICLE TRAFFIC ACCIDENTS
1984
BY NATURE OF ACCIDENT
AND ROAD SURFACE TYPE

ROAD SURFACE TYPE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
Asphalt	60	2,888	7,986	10,934	33.6
Concrete	12	2,165	5,490	7,667	23.6
Gravel	23	770	2,794	3,587	11.0
Earth/Dirt	1	59	295	355	1.1
Paved (Unspecified)	12	2,032	7,582	9,626	29.6
Not Applicable	--	5	38	43	0.1
Other	--	2	6	8	--
Unknown	4	40	284	328	1.0
TOTAL 1984	112	7,961	24,475	32,548	100.0
TOTAL 1983	126	7,935	23,816	31,877	
PERCENT CHANGE 1983-1984	-11.1	+0.3	+2.8	+2.1	

MOTOR VEHICLE TRAFFIC ACCIDENTS
1984
BY NATURE OF ACCIDENT AND WEATHER CONDITION

WEATHER CONDITION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
Clear	72	5,037	15,908	21,017	64.6
Cloudy	21	1,449	3,978	5,448	16.7
Raining	7	657	1,745	2,409	7.4
Snowing	1	352	1,303	1,656	5.1
Fog or Mist	3	131	334	468	1.4
Smoke or Dust	2	14	37	53	0.2
Freezing Rain/ Sleet/Hail	1	75	248	324	1.0
Drifting Snow	2	128	345	475	1.5
Strong Winds	--	64	129	193	0.6
Not Applicable	--	6	56	62	0.2
Other	--	1	8	9	--
Unknown	3	47	384	434	1.3
TOTAL 1984	112	7,961	24,475	32,548	100.0
TOTAL 1983	126	7,935	23,816	31,877	
PERCENT CHANGE 1983-1984	-11.1	+0.3	+2.8	+2.1	

MOTOR VEHICLE TRAFFIC ACCIDENTS/VICTIMS
1984
BY NATURE OF ACCIDENT
AND PLACE OF OCCURRENCE

PLACE OF OCCURRENCE	FATAL	INJURY	PROP. DAMAGE	TOTAL ACCIDENTS	% IN EACH CATEGORY	KILLED	INJURED	VICTIMS	% IN EACH CATEGORY
Urban									
Regional Streets (Winnipeg)	27	5,338	14,938	20,303	78.5	29	7,622	7,651	86.8
Urban 10,000 & up (Exclusive of Winnipeg)	3	390	1,949	2,342	9.1	3	529	532	6.0
Other Urban	4	439	2,778	3,221	12.4	5	627	632	7.2
Total 1984	34	6,167	19,665	25,866	100.0	37	8,778	8,815	100.0
Total 1983	54	6,526	19,407	25,987		55	8,568	8,623	
Percent Change 83-84	- 37.0	- 5.5	+ 1.3	- 0.5		- 32.7	+ 2.5	+ 2.2	
Rural									
Primary Highway	41	797	1,822	2,660	39.8	51	1,336	1,387	46.6
Secondary Highway	17	421	1,067	1,505	22.5	17	667	684	23.0
Local/Other Roads	20	576	1,921	2,517	37.7	22	883	905	30.4
Total 1984	78	1,794	4,810	6,682	100.0	90	2,886	2,976	100.0
Total 1983	72	1,409	4,409	5,890		78	2,230	2,308	
Percent Change 83-84	+ 8.3	+ 27.3	+ 9.1	+ 13.4		+ 15.4	+ 29.4	+ 28.9	
Provincial Total 1984	112	7,961	24,475	32,548		127	11,664	11,791	
Provincial Total 1983	126	7,935	23,816	31,877		133	10,798	10,931	
Percent Change 83-84	- 11.1	+ 0.3	+ 2.8	+ 2.1		- 4.5	+ 8.0	+ 7.9	

MOTOR VEHICLE ACCIDENT VICTIMS
BY AGE AND SEX
KILLED AND INJURED
1984

	KILLED				INJURED			
AGE	MALE	FEMALE	NOT STATED	TOTAL	MALE	FEMALE	NOT STATED	TOTAL
0 - 4	--	3	--	3	118	85	--	203
5 - 9	--	2	--	2	172	131	1	304
10 - 14	6	--	--	6	184	178	--	362
15 - 19	17	4	--	21	1,125	780	--	1,905
20 - 24	19	7	--	26	1,504	911	1	2,416
25 - 34	9	5	--	14	1,515	1,088	--	2,603
35 - 44	12	4	--	16	770	686	--	1,456
45 - 54	6	2	--	8	477	432	--	909
55 - 64	7	5	--	12	342	360	--	702
65+	9	10	--	19	280	265	--	545
Age Not Stated	--	--	--	--	131	118	10	259
TOTAL 1984	85	42	--	127	6,618	5,034	12	11,664
TOTAL 1983	93	40	--	133	5,872	4,908	18	10,798
PERCENT CHANGE 1983-1984	-8.6	+5.0	--	-4.5	+12.7	+2.6	-33.3	+8.0

III. C.2

MOTOR VEHICLE ACCIDENT VICTIMS
1984
BY TYPE OF ACCIDENT AND AGE OF VICTIM
BY NUMBER KILLED/INJURED

AGE GROUP (YRS)	PEDESTRIAN		MOTOR VEHICLE		TRAIN		MOTORCYCLE		BICYCLE		ANIMAL		FIXED OBJECT		OTHER OBJECT		OVERTURNED		RAN OFF ROADWAY		OTHER NON-COLLISION		MOPED		ALL TYPES	
	K*	I**	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
0 - 4	-	28	1	143	-	-	-	-	-	7	-	1	1	7	-	-	-	2	1	15	-	-	-	-	3	203
5 - 9	2	82	-	152	-	-	-	3	-	31	-	-	-	9	-	4	-	1	-	20	-	2	-	-	2	304
10 - 14	1	69	-	154	-	1	4	3	-	71	-	-	-	11	-	7	1	4	-	40	-	2	-	-	6	363
15 - 19	-	83	4	903	2	-	3	107	1	73	-	9	3	297	-	24	2	27	6	380	-	2	-	-	21	1,905
20 - 24	3	72	4	1,457	1	2	5	156	1	71	-	15	5	298	-	26	1	26	6	289	-	4	-	-	26	2,416
25 - 34	1	81	5	1,810	3	4	1	125	-	45	-	29	1	186	1	23	-	22	2	261	-	14	-	3	14	2,603
35 - 44	2	70	9	1,102	-	3	-	20	1	15	-	15	1	84	-	13	-	15	3	112	-	7	-	-	16	1,456
45 - 54	2	42	2	688	-	-	-	9	1	7	-	18	2	37	-	8	-	10	1	85	-	5	-	-	8	909
55 - 64	1	39	7	544	1	-	-	5	-	3	-	1	1	37	-	2	1	7	1	51	-	12	-	1	12	702
65+	6	61	12	568	-	-	-	4	-	4	-	1	-	36	-	9	-	5	1	49	-	8	-	-	19	545
Age Not Stated	-	61	-	119	-	-	-	11	-	18	-	-	-	13	-	6	-	2	-	27	-	2	-	-	-	259
All Ages 1984	18	688	44	7,440	7	10	13	443	4	345	-	89	14	1,015	1	122	5	121	21	1,329	-	58	-	4	127	11,664
All Ages 1983	36	652	41	6,809	3	12	16	550	1	290	-	38	3	872	5	206	7	147	18	1,118	3	102	-	2	133	10,798
Percent Change 1983-1984	-50.0	+5.5	+7.3	+9.3	+133.3	-16.7	-18.8	-19.5	+300.0	+19.0	+134.2	+366.7	+16.4	-80.0	-40.8	-28.6	-17.7	+16.7	+18.9		-43.1	+100.0	-4.5	+8.0		

*K = Killed

**I = Injured

MOTOR VEHICLE ACCIDENTS AND VICTIMS
1984
BY EIGHT MOST POPULATED MANITOBA CENTRES

	NUMBER OF ACCIDENTS					NUMBER OF VICTIMS			
ACCIDENT LOCATION	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CENTRE	KILLED	INJURED	TOTAL	% IN EACH CATEGORY
Winnipeg	27	5,338	14,938	20,303	62.4	29	7,622	7,651	64.9
Brandon	3	276	1,218	1,497	4.6	3	387	390	3.3
Portage la Prairie	--	57	311	368	1.1	--	74	74	0.6
Flin Flon	--	20	220	240	0.7	--	22	22	0.2
Dauphin	--	36	223	259	0.8	--	57	57	0.5
Thompson	--	57	420	477	1.5	--	68	68	0.6
The Pas	--	33	179	212	0.7	--	53	53	0.4
Selkirk	--	41	234	275	0.8	--	55	55	0.5
Other Urban	4	309	1,922	2,235	6.9	5	440	445	3.8
All Rural	78	1,794	4,810	6,682	20.5	90	2,886	2,976	25.2
TOTAL 1984	112	7,961	24,475	32,548	100.0	127	11,664	11,791	100.0
TOTAL 1983	Stats not available					133	10,798	10,931	
PERCENT CHANGE 1983-1984						-4.5	+8.0	+7.9	

TRAFFIC ACCIDENT VICTIMS
1984
BY SAFETY EQUIPMENT AND INJURY SEVERITY

SAFETY EQUIPMENT	MINIMAL	MINOR	MAJOR	FATAL	N.S.*	TOTAL	% IN EACH CATEGORY
LAP BELT ONLY - IN USE	830	537	89	8	85	1,549	13.1
SHOULDER BELT ONLY - IN USE	204	88	11	--	11	314	2.7
COMBINED BELT ASSEMBLY - IN USE	3,050	1,723	231	21	302	5,327	45.2
LAP PART ONLY OF COMBINED ASSEMBLY - IN USE	30	27	2	1	5	65	0.6
AIR BAG DEPLOYED	1	--	--	--	--	1	--
CHILD SAFETY SEAT - IN USE	23	18	2	--	4	47	0.4
SAFETY HELMET WORN	110	230	59	8	14	421	3.6
REFLECTIVE CLOTHING - PEDESTRIAN	2	13	2	--	4	21	0.2
NO SAFETY DEVICE AVAILABLE	181	245	66	7	34	533	4.5
SAFETY DEVICE AVAILABLE - NOT USED	858	801	304	40	72	2,075	17.6
NOT APPLICABLE	183	306	143	15	100	747	6.3
OTHER	5	--	1	1	--	7	--
UNKNOWN	192	262	116	26	88	684	5.8
TOTAL 1984	5,669	4,250	1,026	127	719	11,791	100.0

* NOT STATED

MINIMAL INJURY - NO HOSPITAL TREATMENT
MINOR INJURY - TREATED AND RELAEASED
MAJOR INJURY - ADMITTED TO HOSPITAL
FATAL INJURY - DEATH WITHIN 30 DAYS OF ACCIDENT

TRAFFIC ACCIDENT VICTIMS
1984
BY EJECTION FROM VEHICLE AND INJURY SEVERITY

EJECTION FROM VEHICLE	MINIMAL	MINOR	MAJOR	FATAL	N.S.*	TOTAL	% IN EACH CATEGORY
NOT EJECTED	5,304	3,535	663	58	574	10,134	91.0
EJECTED	205	386	193	45	41	870	7.8
PARTIALLY EJECTED	52	45	24	5	4	130	1.2
TOTAL 1984	5,561	3,966	880	108	619	11,134	100.0

* NOT STATED

PEDESTRIAN ACCIDENT VICTIMS
1984
BY PEDESTRIAN ACTION AND INJURY SEVERITY

PEDESTRIAN ACTION	KILLED	INJURED	TOTAL	% IN EACH GROUP
CROSSING WITH SIGNAL	1	70	71	10.8
CROSSING AGAINST SIGNAL	--	46	46	7.0
CROSSING NO SIGNAL, MARKED X-WALK	1	50	51	7.8
CROSSING NO SIGNAL OR CROSSWALK	1	84	85	12.9
CROSSING BETWEEN INTERSECTIONS	4	99	103	15.7
WALK ON/ALONG ROAD WITH TRAFFIC	--	21	21	3.2
WALK ON ROAD AGAINST TRAFFIC	5	5	10	1.5
ON SIDEWALK/SHOULDER/MEDIAN	--	23	23	3.5
WALKING ON BRIDGE	--	2	2	0.3
EMERGE FROM BEHIND PARKED VEHICLE	--	57	57	8.7
EMERGE FROM BEHIND MOVING VEHICLE	1	9	10	1.5
GETTING ON/OFF SCHOOL BUS	--	6	6	0.9
GETTING ON/OFF OTHER VEHICLE	1	6	7	1.1
PUSHING/WORKING ON VEHICLE	--	7	7	1.1
RIDING OR HITCHING ON VEHICLE	--	5	5	0.8
PLAYING/AT WORK ON ROADWAY	--	12	12	1.8
HITCH-HIKING ON/ALONG ROADWAY	1	1	2	0.3
NOT APPLICABLE	--	--	--	--
OTHER	--	11	11	1.7
UNKNOWN	4	124	128	19.4
TOTAL 1984	19	638	657	100.0

PEDESTRIAN ACCIDENT VICTIMS
1984
BY ACCIDENT SITE TYPE AND INJURY SEVERITY

ACCIDENT SITE TYPE	KILLED	INJURED	TOTAL	% IN EACH CATEGORY
INTERSECTION	3	279	282	42.8
BETWEEN INTERSECTIONS	14	248	262	39.9
INTERSECTION OF PRIVATE DRIVE	--	11	11	1.7
LANE	--	20	20	3.0
PARKING LOT	1	45	46	7.0
RAILROAD LEVEL CROSSING	--	1	1	0.2
BRIDGE/OVERPASS	--	3	3	0.5
TUNNEL/UNDERPASS	--	1	1	0.2
NOT APPLICABLE	--	16	16	2.4
OTHER	--	2	2	0.3
UNKNOWN	1	12	13	2.0
TOTAL 1984	19	638	657	100.0

TRAFFIC ACCIDENT VEHICLE INVOLVEMENT
1984
BY NATURE OF ACCIDENT AND VEHICLE TYPE

VEHICLE TYPE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
Automobile	82	10,578	31,493	42,153	75.6
Motorcycle	12	452	255	719	1.3
Bicycle	4	301	10	315	0.6
Moped	—	3	1	4	--
School Bus	—	19	78	97	0.2
Transit Bus	—	116	186	302	0.5
Inter-City Bus	—	6	12	18	--
Bus (Other)	—	27	66	93	0.2
Pick-Up or Van under 5,000 KG	33	1,250	4,540	5,823	10.5
Truck Over 5,000 KG	5	113	461	579	1.0
Tractor and Semi-Trailer	11	137	385	533	1.0
Motorhome	--	27	119	146	0.3
Truck/Camper	—	1	18	19	--
Truck (Other)	19	1,020	3,703	4,742	8.5
Farm Equipment	—	16	36	52	0.1
Construction Equipment	—	19	56	75	0.1
Off-Highway (All Terrain)	2	3	3	8	--
Snowmobile (SA)	1	12	7	20	--
Snow Vehicle (HTA)	—	--	3	3	--
Train/Other Rail Vehicle	--	--	--	--	--
Ambulance	2	2	13	17	--
Fire	--	6	10	16	--
Police/R.C.M.P.	—	23	29	52	0.1
TOTAL 1984	171	14,131	41,484	55,786	100.0
TOTAL 1983	175	14,085	40,024	54,284	
PERCENT CHANGE 1983-1984	-2.3	+0.3	+3.6	+2.8	

TRAFFIC ACCIDENT VEHICLE INVOLVEMENT
1984
BY YEAR OF VEHICLE

YEAR OF VEHICLE	FATAL	INJURY	DAMAGE	TOTAL	% IN EACH CATEGORY
1985	1	33	134	168	0.3
1984	12	884	2,813	3,709	6.6
1983	8	928	2,664	3,600	6.5
1982	10	969	2,828	3,807	6.9
1981	10	1,127	3,576	4,713	8.4
1980	11	1,245	3,799	5,055	9.1
1979	16	1,069	3,336	4,421	7.9
1978	17	1,132	3,640	4,789	8.5
1977	13	1,110	3,349	4,472	8.0
1976 and older	65	5,176	14,651	19,892	35.7
Not Stated	8	458	694	1,160	2.1
TOTAL 1984	171	14,131	41,484	55,786	100.0

TRAFFIC ACCIDENT DRIVER INVOLVEMENT
1984
BY NATURE OF ACCIDENT AND DRIVER ACTION

IMPROPER DRIVING ACTION	FATAL TOTAL	FATAL % EACH GROUP	INJURY TOTAL	INJURY % EACH GROUP	PROPERTY DAMAGE TOTAL	PROPERTY DAMAGE % EACH GROUP	TOTAL	% EACH GROUP
Speed Too Fast For Conditions	25	22.1	2,241	35.8	4,868	30.0	7,134	31.6
Fail to Anticipate Hazardous Conditions	13	11.5	1,233	19.7	3,232	19.9	4,478	19.8
Unsafe Backing	--	--	130	2.1	1,888	11.6	2,018	8.9
Improper Turn	2	1.8	435	7.0	1,301	8.0	1,738	7.7
Leave Stop Sign Before Safe	6	5.3	416	6.6	1,198	7.4	1,620	7.2
Failure to Grant Right of Way to Pedestrian	1	0.9	121	1.9	--	--	122	0.5
Cutting In	--	--	126	2.0	741	4.6	867	3.8
Following Too Closely	--	--	347	5.5	794	4.9	1,141	5.0
Disregard Traffic Signals	3	2.7	253	4.0	401	2.5	657	2.9
Drinking/Driving and Driving Under the Influence	22	19.4	431	6.9	477	2.9	930	4.1*
Disregard Stop Sign	3	2.7	59	1.0	152	0.9	214	0.9
Other Violations	38	33.6	465	7.5	1,194	7.3	1,697	7.5
All Improper Actions 1984	113	100.0	6,257	100.0	16,246	100.0	22,616	100.0
All Improper Actions 1983	122		6,448		16,845		23,415	
PERCENT CHANGE 1983-1984	-7.4		-3.0		-3.6		-3.4	

* Drinking/driving data, derived from the Traffic Accident Report, is generally indicated only in those instances in which a police officer was in attendance at the scence of an accident. As well, Traffic Accident Reports submitted through the City of Winnipeg do not include charges being contemplated in connection with the accident. The resulting data, as indicated above, is consequently not reflective of the actual situation. Discussions are currently under way with the City of Winnipeg Police Department to rectify this situation.

TRAFFIC ACCIDENT DRIVER INVOLVEMENT
1984
BY NATURE OF ACCIDENT
AND DRIVER EXPERIENCE

EXPERIENCE	FATAL	INJURY	PROP DAMAGE	TOTAL	% IN EACH CATEGORY
Less than 3 months	2	180	448	630	1.2
3 to 6 months	2	222	695	919	1.8
7 to 11 months	4	174	519	697	1.4
1 to 2 years	10	1,261	3,539	4,810	9.5
3 to 5 years	15	2,116	5,745	7,876	15.7
6 to 10 years	16	2,648	6,852	9,516	18.9
11+ years	54	5,850	16,664	22,568	44.7
Not Stated	60	915	2,459	3,434	6.8
TOTAL 1984	163	13,366	36,921	50,450	100.0
TOTAL 1983	169	13,424	35,546	49,139	
PERCENT CHANGE 1983-1984	-3.6	-0.4	+3.9	+2.7	

TRAFFIC ACCIDENT DRIVER INVOLVEMENT
1984
BY NATURE OF ACCIDENT
AND AGE AND SEX OF DRIVER

AGE/SEX		FATAL	% OF ALL DRIVERS	INJURY	% OF ALL DRIVER	PROPERTY DAMAGE	TOTAL	% OF ALL DRIVERS
UNDER 16	M	4		24		45	73	
	F	-		12		17	29	
	NS	-		1		-	1	
	T	4	2.5	37	0.2	62	103	0.2
16-19	M	24		1,373		4,118	5,515	
	F	5		512		1,380	1,897	
	NS	-		-		-	-	
	T	29	17.7	1,885	14.1	5,498	7,412	14.7
20-24	M	26		2,066		5,453	7,545	
	F	4		764		1,971	2,739	
	NS	-		-		-	-	
	T	30	18.4	2,830	21.2	7,424	10,284	20.4
25-34	M	30		2,528		6,621	9,179	
	F	7		1,085		2,773	3,865	
	NS	-		1		1	2	
	T	37	22.7	3,614	27.0	9,395	13,046	25.9
35-44	M	17		1,398		3,857	5,272	
	F	2		683		1,870	2,555	
	NS	-		-		-	-	
	T	19	11.7	2,081	15.6	5,727	7,827	15.5
45-54	M	11		904		2,646	3,561	
	F	4		389		996	1,389	
	NS	-		-		-	-	
	T	15	9.2	1,293	9.7	3,642	4,950	9.8
55-64	M	11		707		2,193	2,911	
	F	2		257		710	969	
	NS	-		-		-	-	
	T	13	8.0	964	7.2	2,903	3,880	7.7
65-74	M	5		360		1,249	1,614	
	F	2		116		343	461	
	NS	-		-		-	-	
	T	7	4.3	476	3.6	1,592	2,075	4.1
75+	M	8		137		448	593	
	F	1		22		100	123	
	NS	-		-		-	-	
	T	9	5.5	159	1.2	548	716	1.4
AGE NOT STATED	M	-		4		12	16	
	F	-		-		3	3	
	NS	-	-	23		115	138	
	T	-		27	0.2	130	157	0.1
ALL AGES 1984	M	136		9,501		26,642	36,279	
	F	27		3,849		10,163	14,039	
	NS	-		25		116	141	
	T	163	100.0	13,366	100.0	36,921	50,450	100.0
ALL AGES 1983	T	169		13,424		35,546	49,139	
PERCENT CHANGE 1983-84		- 3.6		- 0.4		+3.9	+ 2.7	

TRAFFIC ACCIDENT DRIVER INVOLVEMENT

1984

RELATIVE INVOLVEMENT OF MANITOBA DRIVERS

BY AGE AND SEX

AGE(YEARS)		TOTAL DRIVERS INVOLVED(EST).	% IN EACH GROUP	TOTAL ACTIVE DRIVERS	% IN EACH GROUP	RELATIVE INVOLVEMENT FREQ.	RATE/1000
UNDER 16	M	73		-			
	F	29		-			
	NS	1		-			
	T	103	0.2	-			
16-19	M	5,515		10,895			
	F	1,897		9,169			
	NS	-		-			
	T	7,412	14.7	20,064	3.4	2.71	369
20-24	M	7,545		51,372			
	F	2,739		47,960			
	NS	-		-			
	T	10,284	20.4	99,332	16.7	9.66	103
25-34	M	9,179		76,670			
	F	3,865		72,481			
	NS	2		-			
	T	13,046	25.9	149,151	25.1	11.43	87
35-44	M	5,272		60,730			
	F	2,555		54,169			
	NS	-		-			
	T	7,827	15.5	114,899	19.3	14.68	68
45-54	M	3,561		43,730			
	F	1,389		34,734			
	NS	-		-			
	T	4,950	9.8	78,464	13.2	15.85	63
55-64	M	2,911		40,812			
	F	969		29,920			
	NS	-		-			
	T	3,880	7.7	70,732	11.9	18.23	54
65-74	M	1,614		28,696			
	F	461		17,259			
	NS	-		-			
	T	2,075	4.1	45,955	7.7	22.15	45
75 & UP	M	593		11,303			
	F	123		4,200			
	NS	-		-			
	T	716	1.4	15,503	2.7	21.65	46
AGE NOT STATED	M	16		-			
	F	3		-			
	NS	138		-			
	T	157	0.3	-			
ALL AGES 1984	M	36,279		324,208			
	F	14,030		269,892			
	NS	141		-			
	T	50,450	100.0	594,100	100.0	11.78	84
ALL AGES 1983		49,139		595,952			
PERCENT CHANGE 83-84		+ 2.7		-0.3			

CONVICTION STATISTICS

1984

BY TYPE OF CONVICTION AND MONTH OF OCCURRENCE

H.T.A. AND C.C.C.

MONTH	H.T.A. *	% IN EACH PERIOD	C.C.C**	% IN EACH PERIOD	TOTAL	% OF YEAR'S TOTAL
January	9,850	7.3	373	6.8	10,223	7.3
February	10,500	7.8	458	8.3	10,958	7.8
March	12,269	9.1	452	8.2	12,721	9.1
April	13,006	9.7	459	8.3	13,465	9.6
May	13,646	10.2	522	9.5	14,168	10.1
June	12,545	9.3	573	10.4	13,118	9.4
July	12,038	9.0	593	10.8	12,631	9.0
August	11,938	8.9	463	8.4	12,401	8.9
September	12,438	9.3	520	9.4	12,958	9.3
October	10,497	7.8	373	6.8	10,870	7.8
November	9,854	7.3	385	7.0	10,239	7.3
December	5,753	4.3	336	6.1	6,089	4.4
Total 1984	134,334	100.0	5,507	100.0	139,841	100.0
Total 1983	128,786		6,441		135,227	
Percent Change 1983-1984	+ 4.3		- 14.5		+ 3.4	

* HIGHWAY TRAFFIC ACT

** CRIMINAL CODE OF CANADA

CONVICTION STATISTICS

1984

BY TYPE OF CONVICTION AND POLICE FORCE

POLICE FORCE	H.T.A.	% BY EACH FORCE	C.C.C.	% BY EACH FORCE	TOTAL	% BY EACH FORCE
WINNIPEG	82,798	61.6	1,710	31.1	84,508	60.4
RCMP	41,441	30.9	3,201	58.1	44,642	31.9
BRANDON	2,040	1.5	188	3.4	2,228	1.6
OTHER	8,055	6.0	408	7.4	8,463	6.1
ALL FORCES 1984	134,334	100.0	5,507	100.0	139,841	100.0
ALL FORCES 1983	128,786		6,441		135,227	
PERCENT CHANGE 1983/ 1984	+ 4.3		- 14.5		+ 3.4	

CONVICTION STATISTICS

1984

H.T.A. AND C.C.C.

LEGISLATION	SECTION	DESCRIPTION OF VIOLATION	TOTAL	% OF H.T.A./C.C.C. TOTAL
H.T.A.	91-1	Speeding	70,084	52.2
	81	Failing to Comply with Traffic Control Device	16,012	12.0
	84	Failing to Comply with Traffic Control Signal	5,765	4.3
	164-1	Fail to Hold Req. Driver's Licence or to Comply with Restrictions Therein	3,689	2.7
	91-3	Imprudent Driving	3,397	2.5
	127	Fail to Stop When Req. by Traffic Control Device or at Divided Highway	2,529	1.9
	201-1	Driving While Disqualified	2,749	2.0
	Other		30,109	22.4
	All		134,334	100.0
C.C.C.	236	Blood Alcohol Content .08 or Higher	4,260	77.4
	234	Driving While Impaired by Alcohol Or Drugs	491	8.8
	235	Refuse to Submit to Breathlizer	460	8.4
	Other		296	5.4
	All		5,507	100.0
TOTAL 1984 H.T.A./C.C.C.			139,841	
TOTAL 1983 H.T.A./C.C.C.			135,227	
PERCENT CHANGE 1983/1984			+ 3.4	

SUSPENSION STATISTICS

1984

TOTAL SUSPENSIONS IMPOSED*

REASON SUSPENSION (TYPE)	1984	PERCENT OF TOTAL SUSPENSIONS
For Criminal Code of Canada Convictions Related to Motor Vehicle Operation	7,331	20.3
Fail To Pay Fine	14,813	41.1
Probationary Licence Cancelled	3,162	8.8
Multiple Offences	3,348	9.3
Failure to Pay Full Licence or Registration Fee	2,521	7.0
Physical or Mental Disability	278	0.8
Fail to Comply with Driver Exams	1,703	4.7
Other	2,916	8.0
Total 1984	36,072	100.0
Total 1983	29,227	
Percent Change 83-84	+ 23.4	

*At any given time, there are approximately 25,000 drivers on suspension.

DRIVER IMPROVEMENT AND CONTROL

DRIVER CONTROL PROGRAMME

1984

	1984	% IN EACH CATEGORY
Number of Show Cause Hearings Conducted		
In person	4,354	35.6
Written Submissions	108	0.9
Fail to Appear	678	5.5
Individuals Placed on Suspension		
1 - 3 months duration	1,205	9.8
4 - 6 months duration	1,671	13.6
7 - 12 months duration	342	2.8
More than 1 year duration	256	2.1
Individuals Placed on Probation	1,557	12.7
No Action Taken/Decision Deferred awaiting additional information	98	0.8
Individuals Required to Undergo Full Retesting	999	8.2
Individuals Required to Complete the Defensive Driving Course	890	7.3
Individuals Required to File Medical Certificate	81	0.7
TOTAL	12,239	100.0

DRIVER IMPROVEMENT AND CONTROL
DRIVER IMPROVEMENT PROGRAMME
1984

	1984	% IN EACH CATEGORY
Number of 4 Point Warning Letters Issued	6,305	30.8
Number of Driver Improvement Interviews Conducted	7,064	34.6
Individuals Placed on Probation and Required to Undergo Full Retesting	2,831	13.9
Individuals Placed On Probation and Required to Complete The Defensive Driving Course	1,690	8.3
Individuals Placed On Probation Only	2,541	12.4
TOTAL	20,431	100.0

DRIVER IMPROVEMENT AND CONTROL
REINSTATEMENT OF SUSPENDED DRIVERS
1984

	1984	% IN EACH CATEGORY
Number of Reinstatement Interviews Conducted	8,022	57.1
Number of Conditional Licences Issued	2,732	19.4
Individuals Required to Undergo Full Retesting	2,524	17.9
Individuals Required to Complete the Defensive Driving Course	781	5.6
TOTAL	14,059	100.0

DRIVER IMPROVEMENT AND CONTROL

ALCOHOL AND DRUG ABUSE PROGRAMME

1984

	1984	% IN EACH CATEGORY
Individuals required to file report (initial and follow-up) regarding use of alcohol/drugs	5,434	90.4
Individuals placed on suspension/ cancellation due to alcoholism/ drug addiction	221	3.6
Number of drivers interviewed regarding use of alcohol/ drugs	358	6.0
TOTAL	6,013	100.0

DRIVER TESTING ACTIVITIES

1984

ORIGINAL TESTING PROCEDURES

ROAD TESTS

CLASS	YEAR	1ST TEST ALL	1ST TEST FAIL	2ND & 3RD TEST ALL	2ND & 3RD TEST FAIL	4TH & TEST ALL	4TH & TEST FAIL	TOTAL TESTS	TOTAL FAILED	% FAILURE 1ST TEST
1		903	92	87	10	2	1	992	103	10.2
2		368	28	28	2	-	-	391	30	7.6
3		363	18	20	1	1	-	384	19	5.0
4		1,049	245	227	60	17	9	1,293	314	23.4
5		20,095	8,888	10,402	3,583	1,368	578	31,865	13,049	44.2
6		2,580	691	637	103	12	4	3,229	798	26.8
All Classes	1984	25,358	9,962	11,401	3,759	1,400	592	38,154	14,313	39.3
All Classes	1983	26,064	10,238	11,411	3,687	1,275	500	38,750	14,425	39.3
Percent Change 1983-1984		- 2.7	- 2.7	- 0.1	+ 2.0	+ 9.8	+ 18.4	- 1.5	- 0.8	-

DRIVER TESTING ACTIVITIES

1984

ORIGINAL TESTING PROCEDURE

INSIDE TESTS

	WRITTEN			ORAL		
TYPE OF KNOWLEDGE TEST	TOTAL	FAIL	PERCENT FAIL	TOTAL	FAIL	PERCENT FAIL
Supplement to Class 1	2,029	466	23.0			
Supplement to Class 2	2,856	888	31.0			
Supplement to Class 3	3,468	1,176	33.9			
Supplement to Class 4	4,701	1,413	30.1			
Basic 5	41,633	18,514	44.5	1,844	616	33.4
Motorcycles 6	6,579	2,532	38.5			
Sign Test, Class 7	28,437	3,894	13.7	1,411	435	30.8
School Bus 8	534	78	14.6			
Airbrake Endorsement (Supplement) 9	3,008	962	32.0			
All Types 1984	93,245	29,923	32.1	3,255	1,051	32.3
All Types 1983	97,215	32,488	33.4	3,908	1,138	29.1
Percent Change 1983-1984	- 4.1	- 7.9		- 16.7	- 7.6	

DRIVER TESTING ACTIVITIES

1984

DRIVER IMPROVEMENT PROGRAMME ACTIVITIES

ROAD TESTS

NUMBER OF ATTEMPTS	TOTAL	FAIL	% FAIL
FIRST	6,459	823	12.7
SECOND, THIRD	491	115	23.4
FOURTH, ETC.	53	23	43.4
TOTAL 1984	7,003	961	13.7
TOTAL 1983	6,362	592	9.3
% CHANGE 1983-1984	+ 10.1	+ 62.3	

DRIVER TESTING ACTIVITIES

1984

DRIVER IMPROVEMENT PROGRAMME ACTIVITIES

INSIDE KNOWLEDGE TEST

TYPE OF TEST	TOTAL	FAIL	PERCENT FAIL
Written	13,014	2,525	19.4
Oral	737	240	32.6

HIGH SCHOOL DRIVER EDUCATION PROGRAMME ACTIVITIES

1983-1984

(SCHOOL YEAR)

	1983-1984			1982-1983			
	TOTAL	PERCENT WPG/RURAL	M/F	TOTAL	PERCENT WPG/RURAL	M/F	% CHANGE 82-83/83-84
Total Courses Offered	294			256			+15.6
Winnipeg Schools	178	60.1		155	60.5		+14.8
Rural Schools	116	39.9		101	39.5		+16.8
Student Participation							
Students Enrolled	6,956			5,846			+19.0
Students Completing Course	6,568			5,607			+17.1
Overall Completion Percentage	94.4			95.9			
Students Completing in Winnipeg Schools	4,294	65.4		3,951	70.5		+ 8.7
Male	1,964		45.7	1,697		43.0	+15.7
Female	2,330		54.3	2,254		57.0	+ 3.4
Students Completing in Rural Schools	2,274	34.6		1,656	29.5		+37.3
Male	950		41.8	616		37.2	+54.2
Female	1,324		58.2	1,040		62.8	+27.3
Instructor Training							
Basic Instructor Courses Conducted	2			2		--	--
Instructors Trained	78			71			+10.0
Advanced Seminars Conducted	1			1		--	--
Participants	21			29			-27.6
Instructional Facilities							
Total Schools Offering Courses	104			98			+ 6.1
Winnipeg Schools	44	42.3		42	42.9		+ 4.8
Rural Schools	60	57.7		56	57.1		+ 7.1
Total Instructors	254			240			+17.9
Winnipeg Schools	146	57.6		139	57.9		+17.3
Rural Schools	108	42.4		101	42.1		+18.8
Total Cars Used	332			229			+45.0
Initial Training and Replacement Cars							
Winnipeg	164			122			+34.4
Rural	168			107			+57.0

MOTOR VEHICLE INSPECTION PROGRAMME

1984

INITIAL INSPECTIONS — COMPARISON WITH 1983

SUB PROGRAM	YEAR	PASS TOTAL	PASS %	FAIL TOTAL	FAIL %	HAZ. COND. TOTAL	HAZ. COND. %	TOTAL	%	% CHANGE 1983-84
COMPULSORY * CARS/LIGHT TRUCKS TAXIS AND POLICE REFERRALS SPECIAL I & II **	1984	13,557	35.0	24,636	63.5	598	1.5	38,791	100.0	+ 38.2
	1983	10,152	36.2	17,484	62.3	439	1.5	28,075	100.0	
SCHOOL BUSES	1984	522	29.7	1,223	69.7	10	0.6	1,755	100.0	- 1.1
	1983	671	37.8	1,069	60.2	35	2.0	1,775	100.0	
P.S.V. BUSES	1984	89	46.4	96	50.0	7	3.6	192	100.0	-
	1983	-	-	-	-	-	-	-	-	
C.F.B. VEHICLES	1984	35	42.7	47	57.3	-	-	82	100.0	- 88.2
	1983	450	64.6	239	34.3	8	1.1	697	100.0	
AMBULANCE	1984	115	45.8	136	54.2	-	-	251	100.0	-
	1983	-	-	-	-	-	-	-	-	
VOLUNTARY	1984	659	55.8	513	43.4	9	0.8	1,181	100.0	+ 18.1
	1983	575	57.5	413	41.3	12	1.2	1,000	100.0	
PROGRAMME TOTALS	1984	14,977	35.4	26,651	63.1	624	1.5	42,252	100.0	+ 33.9
	1983	11,848	37.6	19,205	60.9	494	1.5	31,547	100.0	

* For ease of reference, a breakdown of the compulsory inspection category is provided in table IV. F. 1 (b).

** Special I - Selvage and Autopac referrals, accident vehicles and office call-ups.
Special II - Driver Testing vehicles and 1983 delinquents.

SPECIAL CATEGORY STATISTICS

INITIAL INSPECTIONS

	YEAR	PASS TOTAL	PASS %	FAIL TOTAL	FAIL %	HAZ. COND. TOTAL	HAZ. COND. %	TOTAL	%	% CHANGE 1983-84
TAXI	1984	119	28.7	289	69.6	7	1.7	415	100.0	- 1.0
	1983	117	27.9	297	70.9	5	1.2	419	100.0	
POLICE	1984	4	8.9	40	88.9	1	2.2	45	100.0	+ 2.3
	1983	6	13.6	35	79.6	3	6.8	44	100.0	
SPECIAL I SALVAGE & AUTOPAC REFERRALS	1984	16	25.4	46	73.0	1	1.6	63	100.0	-48.8
	1983	37	30.1	84	68.3	2	1.6	123	100.0	
SPECIAL II DRIVER TESTING 1983 DELINQUENTS	1984	72	22.0	255	77.7	1	0.3	328	100.0	+57.7
	1983	61	29.3	142	68.3	5	2.4	208	100.0	
PROGRAMME/TOTALS	1984	211	24.8	630	74.0	10	1.2	851	100.0	+ 7.2
	1983	221	27.8	558	70.3	15	1.9	794	100.0	

IV. F.2

MOTOR VEHICLE INSPECTION PROGRAMME
1984
DEFECT REPORT
PASSENGER CARS/LIGHT TRUCKS AND HEAVY DUTY VEHICLES INCLUDING SCHOOL BUSES, AMBULANCES AND SALVAGE VEHICLES

AREA OF DEFECT	NO. OF VEHICLES WITH DEFECTS	% TOTAL DEFECTS IN EACH AREA
Lights, Glass and Other Equipment		
Number Plate Lights	4,283	25.5
Signal Lights	2,680	15.9
Brake Lights	2,129	12.7
Lens	2,189	13.0
Windshield Washer/Wiper	1,657	9.9
Glass Conditions	1,192	7.1
Rearview Mirrors	1,103	6.6
Horn	992	5.9
Rear Lights	582	3.4
Other Defects	-	-
Area Total	16,807	100.0 (28.5)
Exhaust System		
Exhaust	4,052	45.3
Muffler	2,887	32.3
Vehicle (Body)	2,002	22.4
Area Total	8,941	100.0 (15.2)
Head Lamps		
Light Aim	8,497	70.2
Light Output	1,021	8.4
Other Lamp Defects	2,592	21.4
Area Total	12,110	100.0 (20.6)
Steering and Suspension		
Ball Joints - Left/Right	1,254	19.5
Steering Lashplay	1,836	28.6
Tie-rod Ends	1,572	24.5
Suspension - Left/Right	647	10.1
Shock Absorbers	469	7.3
Springs	421	6.6
Wheel Bearings	183	2.8
Alignment - Toe-In/Toe-Out	41	0.6
Area Total	6,423	100.0 (10.9)
Tires		
Tread Depth	2,892	81.2
Tire Cuts	669	18.8
Area Total	3,561	100.0 (6.0)
Other System		
Electrical	334	24.9
Fuel System	539	40.2
Cooling System	20	1.5
Other Defects	449	33.4
Area Total	1,342	100.0 (2.3)
Brake System		
Flex Brake Hose	3,921	40.4
Parking Brake	2,587	26.6
Braking Force Dist.	509	5.2
Braking Force	1,592	16.4
Pedal Reserve	215	2.2
Other Defects	892	9.2
Area Total	9,716	100.0 (16.5)
All Areas	58,900	100.0 100.0

SNOWMOBILE ACCIDENTS

1983-1984

BY NATURE, TYPE AND MONTH OF OCCURRENCE

CATEGORY BREAKDOWNS	1983-1984	% IN EACH CATEGORY
Nature of Accidents		
Fatal	2	2.8
Non-Fatal	55	75.3
Property Damage	16	21.9
Total 1984	73	100.0
Total 1983	79	100.0
Percent Change 1983-1984	-7.6	
Type of Accident		
Single Snowmobile	14	19.2
With Motor Vehicle	17	23.3
With Fixed Object	25	34.2
With Snowmobile	12	-
With Pedestrian	4	5.5
With Train	-	-
(Other Unknown) Cutter upset	1	17.8
Total 1984	73	100.0
Total 1983	79	100.0
Percent Change 1983-1984	-7.6	
Month of Occurrence		
September	1	1.4
October	-	-
November	5	6.8
December	19	26.0
January	21	28.8
February	24	32.9
March	2	2.7
April	1	1.4
May	-	-
Total 1984	73	100.0
Total 1983	79	100.0
Percent Change 1983-1984	-7.6	

SNOWMOBILE ACCIDENTS

1983-1984

BY LOCATIONS AND LIGHT CONDITION

CATEGORY BREAKDOWNS	1983-1984	% IN EACH CATEGORY
Accident Locations		
Public Roadways	22	30.1
Rivers and Lakes	18	24.7
Ditches, Right-of-Ways	12	16.4
Field, Farmyards and Private Property	9	12.3
Parking Lots	4	5.5
Bush Trails, Winter Roads	-	-
Lakeshore, Riverbank and Floodways	1	1.4
Marked and Groomed Trails	5	6.8
Driveways	-	-
School Ground, Sport Field	1	1.4
Back Lane - Alley	1	1.4
Railroads	-	-
Back Track (Cross Country)	-	-
Unknown	-	-
Total 1984	73	100.0
Total 1983	79	100.0
Percent Change 1983-1984	- 7.6	
Light Conditions		
Darkness	42	57.5
Daylight	22	30.1
Dusk	9	12.4
Unknown	-	-
Total 1984	73	100.0
Total 1983	79	100.0
Percent Change 1983-1984	- 7.6	

OPERATORS INVOLVED IN SNOWMOBILE ACCIDENTS
1983-1984
BY AGE GROUP AND CONDITION

CATEGORY BREAKDOWNS	1983-1984	% IN EACH CATEGORY
Age Group (Years)		
Under 16	12	14.6
16 - 20	16	19.5
21 - 25	22	26.9
26 - 30	16	19.5
31 - 35	5	6.1
Over 35	9	11.0
Age Unknown	2	2.4
Total 1984	82	100.0
Total 1983	92	100.0
Percent Change 1983-1984	- 10.9	
Condition		
Normal	58	70.7
Had Been Drinking	14	17.1
Intoxicated	10	12.2
Defective Sight	-	
Fatigued	-	
Unknown	-	
Total 1984	82	100.0
Total 1983	92	100.0
Percent Change 1983-1984	- 10.9	

The above statistics are developed from information supplied on the Traffic Accident Report.

SNOWMOBILE ACCIDENT VICTIMS

1983-1984

BY TYPE OF INJURY AND CLASS OF VICTIM

	FATAL		SLIGHT INJURY		SERIOUS INJURY		TOTAL VICTIMS	
CLASS OF VICTIM	TOTAL	% IN EACH CATEGORY	TOTAL	% IN EACH CATEGORY	TOTAL	% IN EACH CATEGORY	TOTAL	% IN EACH CATEGORY
Operator	2	100.0	22	73.3	24	72.7	48	73.8
Passenger	-	-	6	20.0	6	18.2	12	18.5
Pedestrian	-	-	2	6.7	2	6.1	4	6.2
Other Victims (Cutter Passenger)	-	-	-	-	1	3.0	1	1.5
All Victims 1984	2	100.0	30	100.0	33	100.0	65	100.0
All Victims 1983	7	100.0	33	100.0	46	100.0	86	100.0
Percent Change 1983-1984	-71.4		- 9.1		-28.3		- 24.4	

SNOWMOBILE LAW ENFORCEMENT REPORT

1983-1984

ANALYSIS OF LAW ENFORCEMENT AND/RELATED DEPARTMENTAL ACTION

CATEGORY BREAKDOWNS	1983-1984	% IN EACH CATEGORY	1982-1983	% IN EACH CATEGORY	% CHANGE 1982-83 to 83-84
Conviction Under Various Legislation					
Snowmobile Act	116	78.9	136	73.2	- 14.7
Highway Traffic Act	6	4.1	9	4.8	- 50.0
Railway Act	-	-	-	-	-
Wildlife Act	-	-	-	-	-
Local By-Laws	-	-	3	1.6	+300.0
Criminal Code	25	17.0	38	20.4	- 34.2
Unknown	-	-	-	-	-
Total Convictions	147	100.0	186	100.0	- 21.0
Convictions in Conjunction with the Young Offenders Act	1		40		
Departmental Action					
Cautionary Letter Sent	20		19		
Show Cause Hearings	-		-		
*Suspensions - Sec. 45 Show Cause	-		-		
*Suspensions - Mandatory Sec. 46	2		5		

*Snowmobile Act

INDIVIDUALS CONVICTED OF OFFENCES
IN RELATION TO SNOWMOBILE OPERATION
1983-1984
BY AGE OF OPERATOR

AGE (YEARS)	NUMBER CONVICTED	% IN EACH CATEGORY
Under 18	31	21.1
18 - 20	22	15.0
21 - 25	52	35.4
26 - 30	23	15.6
31 - 35	4	2.7
36 - 40	4	2.7
40+	6	4.1
Unknown	5	3.4
TOTAL 1984	147	100.0
TOTAL 1983	186	100.0
Percent Change 1983-1984	- 21.0	

SNOWMOBILE SAFETY TRAINING PROGRAMME

1983-1984

CATEGORY BREAKDOWNS	1983-1984	1982-1983	% CHANGE 82-83 to 83-84
Instructor Training			
Number of Instructors Certified for Year	16	7	+128.6
Total Number of Instructors Currently Certified	138	122	+ 13.1
Student Training			
Number of Students Involved	3,531	4,582	- 23.0
Number of Graduates	1,339	1,863	- 28.1
Number of Failures	295	627	- 53.0
Incomplete Examinations	1,897	2,160	- 12.2

BICYCLE ACCIDENTS
1984
BY NATURE, TIME OF DAY
AND MONTH OF OCCURRENCE

CATEGORY OF BREAKDOWN	1984	% IN EACH CATEGORY
Nature of Accident		
Fatal	3	0.9
Non-Fatal	345	99.1
Property Damage		
TOTAL	348	100.0
Time of Day		
0 - 6 am	6	1.7
6 - 12 pm	54	15.5
12 - 18 pm	173	49.7
18 - 24 pm	108	31.1
Unknown	7	2.0
TOTAL	348	100.0
Month of Occurrence		
March	4	1.1
April	33	9.5
May	47	13.5
June	67	19.3
July	76	21.8
August	67	19.3
September	39	11.2
October	14	4.0
November	1	0.3
December	-	-
TOTAL 1984	348	100.0
TOTAL 1983	306	
PERCENT CHANGE 1983-1984	+ 13.7	

BICYCLE ACCIDENTS

1984

BY LOCATION (URBAN/RURAL) LIGHT CONDITION

AND ROAD LOCATION

CATEGORY BREAKDOWN	1984	% IN EACH CATEGORY
Location (Urban/Rural)		
Winnipeg	263	75.6
Urban - 10,000+ population	35	10.0
Other Urban	39	11.2
All Rural	11	3.2
All Locations	348	100.0
Light Condition		
Daylight	276	79.3
Darkness	38	10.9
Dawn	-	-
Dusk	32	9.2
Condition Unknown	2	0.6
All Conditions	348	100.0
Road Location		
Intersections	180	51.7
Non-Intersections (Streets)	122	35.1
Backlanes	21	6.0
Parking Lots	18	6.3
Private Driveways	4	
Not Stated	3	0.9
All Locations 1984	348	100.0
All Locations 1983	306	
Percent Change 1983-1984	+ 13.7	

CYCLISTS INVOLVED IN BICYCLE ACCIDENTS
1984
BY AGE AND SEX

AGE (YEARS)	MALE	% IN EACH CATEGORY	FEMALE	% IN EACH CATEGORY	ALL CYCLISTS	% IN EACH CATEGORY
Under 4	1	0.4	-	-	1	0.3
4 - 8	23	9.5	5	4.7	28	8.0
9 - 12	30	12.5	18	17.0	48	13.7
13 - 16	59	24.5	22	20.8	81	23.0
17 - 20	50	20.7	11	10.4	61	17.4
20+	78	32.4	50	47.1	128	36.5
Age unknown	-	-	-	-	4	1.1
TOTAL 1984	241	100.0	106	100.0	351	100.0
TOTAL 1983	215		92		307	
Percent Change 1983 - 1984	+12.1		+15.2		+14.3	

BICYCLE ACCIDENT VICTIMS (CYCLISTS)

1984

BY TYPE OF INJURY

INJURY TYPE	1984
Fatal	3
Slight Injury	168
Serious Injury	40
Total 1984	211
Total 1983	280
Percent Change 1983-1984	-24.6

BICYCLE SAFETY PROGRAMME
1983-1984

CATEGORY BREAKDOWNS	1984	1983	% CHANGE IN EACH CATEGORY 1983-1984
Participation in Programme			
Total Outside Agencies Involved	117	147	- 20.4
Total Schools Involved - Wpg.,	120	137	- 12.4
Thompson, Selkirk, Brandon	22	22	-
Total Shopping Centres Providing Displays	7	-	-
Total Individual Participation			
Through Outside Agencies	17,989	19,029	- 5.5
Through M.V.B. Trained Instructors	14,576	14,302	+ 1.9
Total Individuals Receiving Bike Safety Education	32,565	33,331	- 2.3
Public Administration			
Distribution of Bike Book	9,613	9,092	+ 5.7
Distribution of Sets of Safety Posters	-	-	-

COMMERCIAL DRIVING SCHOOLS AND INSTRUCTORS INSPECTION

1984

GENERAL STATISTICS

CATEGORY BREAKDOWNS	YEAR-END TOTAL	PERCENTAGES WHERE APPLICABLE
TRAINING VEHICLE INSPECTION		
COMMERCIAL VEHICLES	65	36.7
DRIVER EDUCATION	112	63.3
TOTAL	177	100.0
COMMERCIAL INSTRUCTORS		
NEW APPLICANTS	3	4.7
RENEWALS	61	95.3
TOTAL	64	100.0
DRIVER EDUCATION INSTRUCTORS		
NEW APPLICANTS	46	18.1
RENEWALS	208	81.9
TOTAL	254	100.0
TOTAL COMMERCIAL AND DRIVER EDUCATION INSTRUCTORS		
TOTAL FEMALE INSTRUCTORS	98	30.8
TOTAL MALE INSTRUCTORS	220	69.2
TOTAL	318	100.0
COMMERCIAL DRIVING SCHOOLS		
IN WINNIPEG	40	78.4
IN RURAL AREAS	11	21.6
TOTAL	51	100.0
TOTAL NEW SCHOOLS IN PROVINCE	5	

MEDICAL RECORDS SECTION
ACTIVITY REPORT
1984

	1984
Medical Reports (Processed)	29,460
Interview, Driver Examinations, Driver Assessments (Processed)	1,306 *
Conditional Licences (Issued)	269
Restrictions added to Licences (Issued)	357 *
Cancellations, Suspensions for Failure to Meet Standards (Issued)	576
Cancellations for Failure to Comply (Issued)	695
Declass for Failure to Meet Standards (Issued)	200 *
Declass for Failure to Comply (Issued)	722
Reinstatements	298

1983 Statistics not available

* The gathering of these statistics commenced in May 1984. Consequently, the statistics for the first four months are estimated, based on a yearly average.

VEHICLE DEALERS SECTION

1984

PLATE DISPOSITION

PLATE TYPE	INITIAL ISSUANCE	RENEWALS	TOTAL	CANCELLATIONS	TOTAL ACTIVE AT YEAR END
Dealer and Repairer	808	2,694	3,502	-	3,502
Snowmobile Dealer	23	-	23	-	23
All Types	831	2,694	3,525	-	3,525

VEHICLE DEALERS SECTION

1984

PERMIT DISPOSITION

PERMIT TYPE	NEW	RENEWALS	TOTAL	CANCELLATIONS	TOTAL ACTIVE AT YEAR END
DEALER	615	-	615	-	615
SALESMAN	805	-	805	-	805
WRECKER	44	-	44	-	44
ALL TYPES	1,464	-	1,464	-	1,464

POOR
QUALITY
ORIGINAL